Kindergarten Math: Printables Pack

Kindergarten Math · Contents

1. Writing numerals 0–9
2. Number cards 0–20
3. Ten-frames
4. Hundred chart
5. Play money
6. Blank clocks
7. Paper rulers
8. Addition flashcards (to 10)
9. Timed drill with key
10. Fact-mastery tracker
11. Record sheet
12. Unit checks, placement and end-of-year check with keys

Print only what you need. The lesson worksheets and their keys are separate PDFs linked from each lesson.

Writing Numerals (ball-and-stick)

Kindergarten Math · Trace the outlined numerals, starting at the top. Then write your own on a separate line.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4

Writing Numerals (ball-and-stick)

Kindergarten Math · Trace the outlined numerals, starting at the top. Then write your own on a separate line.

5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Number Cards 0–20

Kindergarten Math · Cut on the dashed lines. Print on cardstock if you can.

0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19

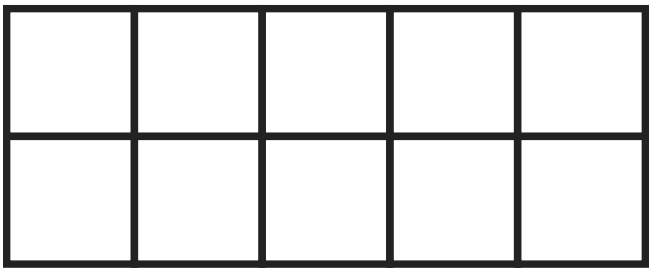
Number Cards 0–20

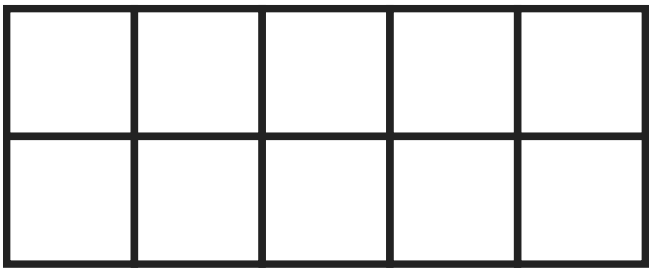
Kindergarten Math · Cut on the dashed lines. Print on cardstock if you can.

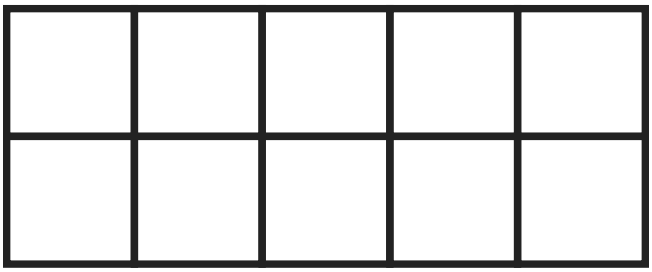
20	+	−	=
<	>	?	10
5	0	1	2
3	4	6	7
8	9	20	15

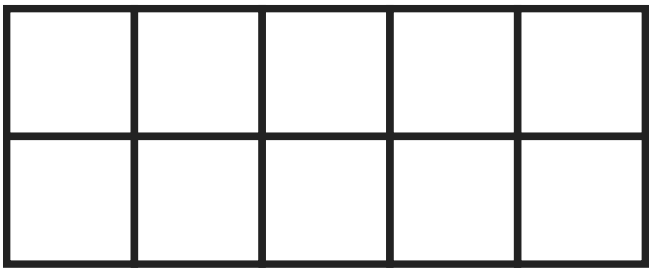
Ten-Frames

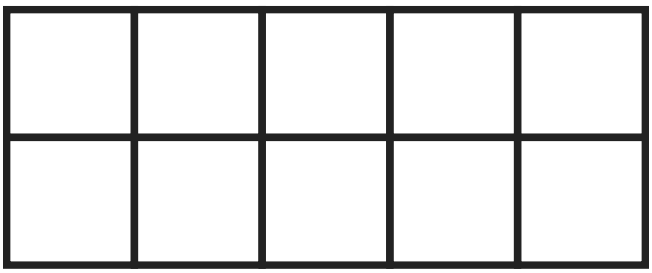
Kindergarten Math · Use with counters: fill the top row first.

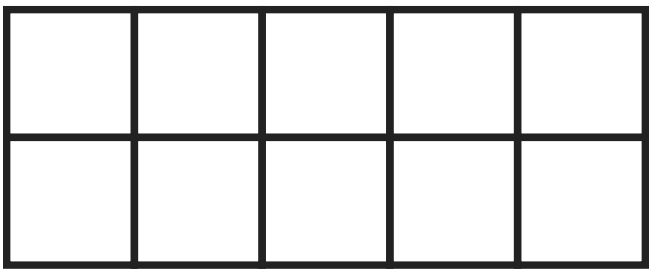


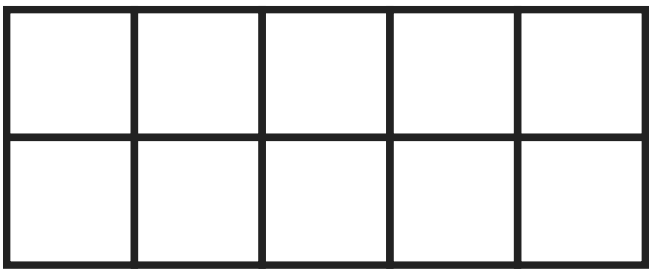


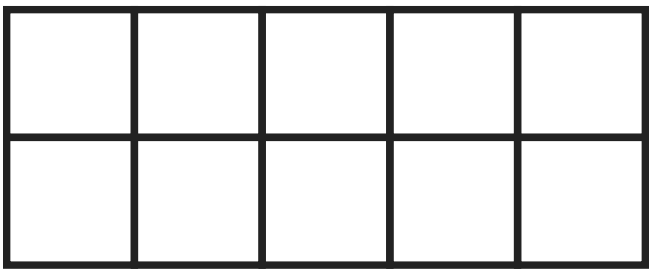












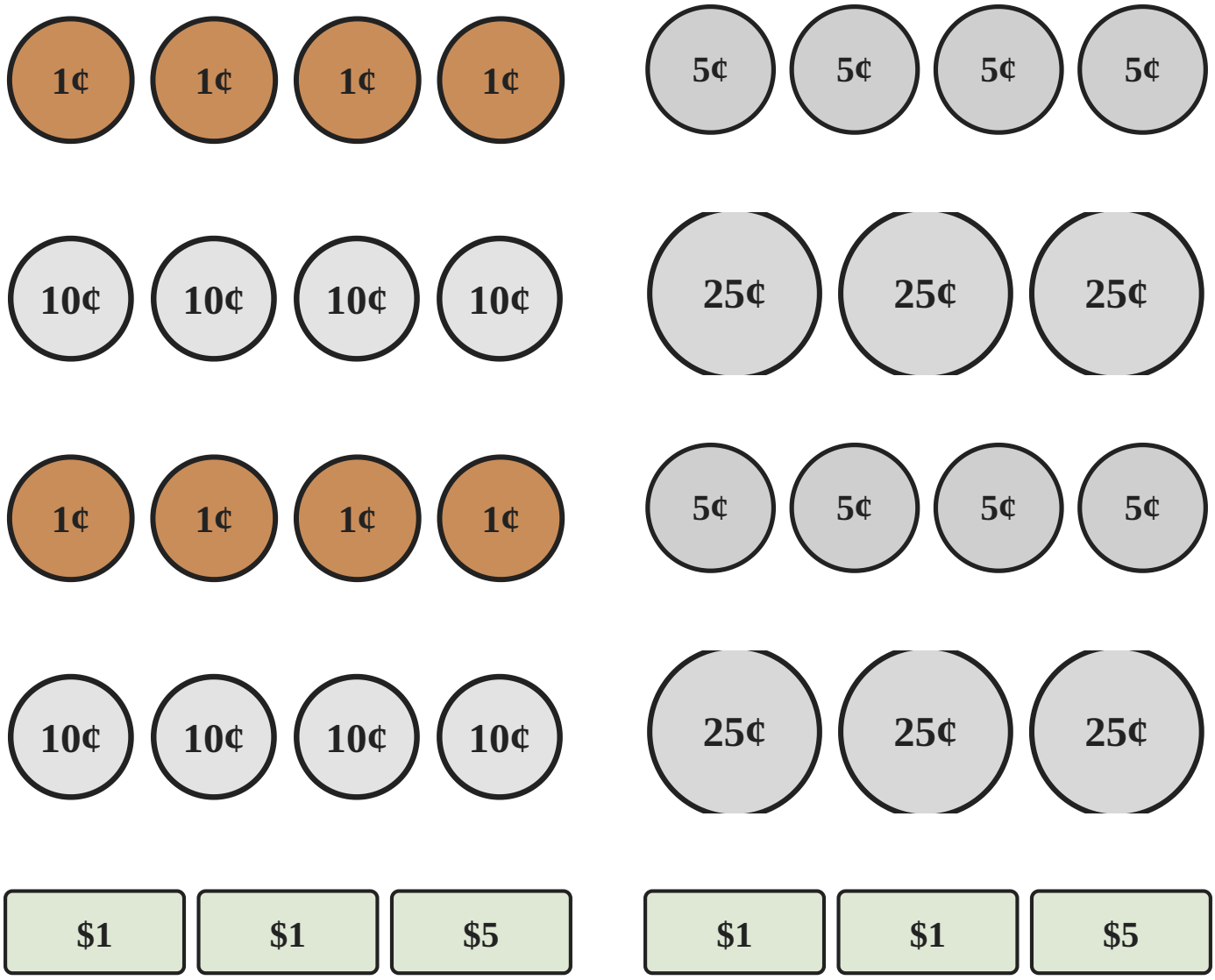
Hundred Chart

Kindergarten Math · For counting, skip counting and finding patterns.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

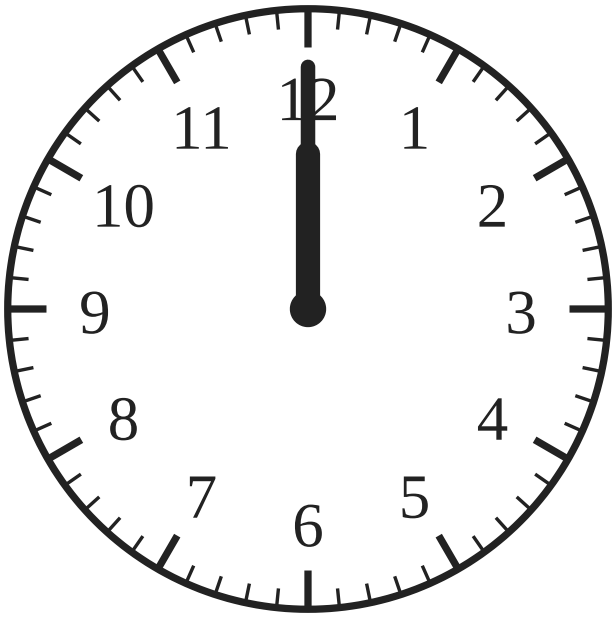
Play Money

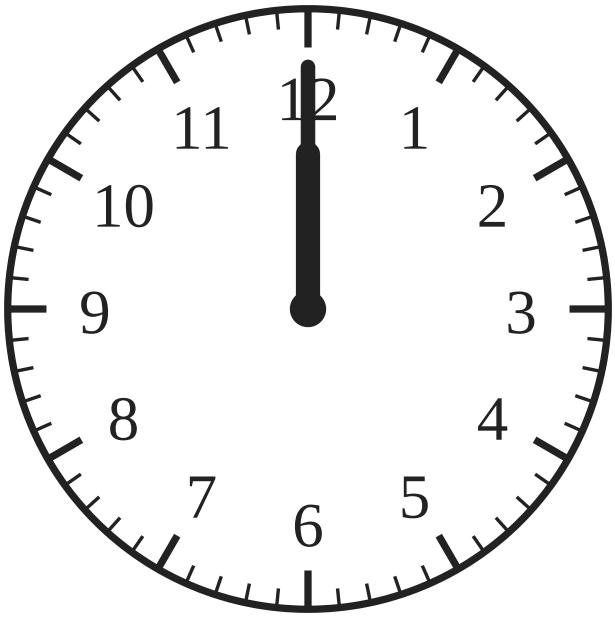
Kindergarten Math · Cut out the coins and bills for store games.

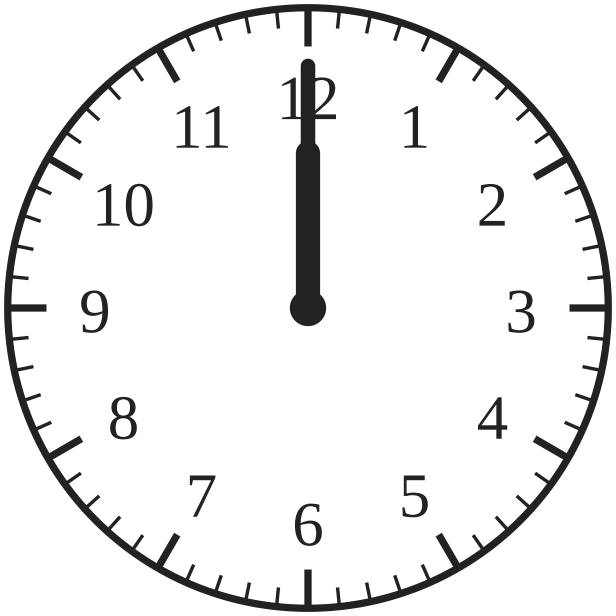


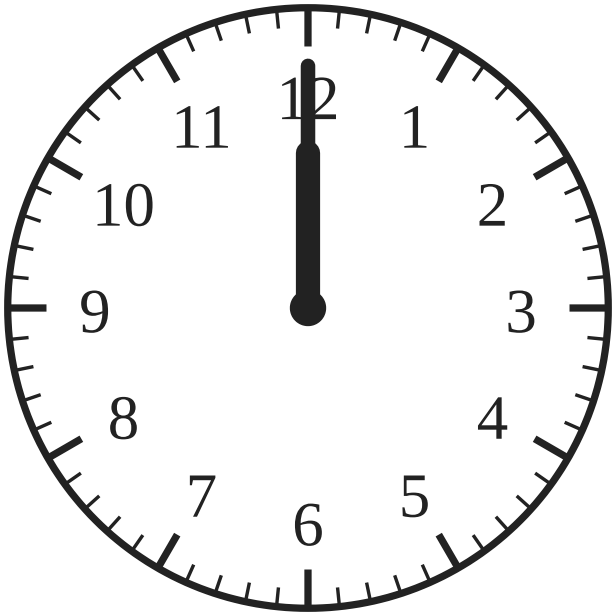
Blank Clocks

Kindergarten Math · Draw the hands for a time your parent says. Cut out one face and add paper hands with a brad.



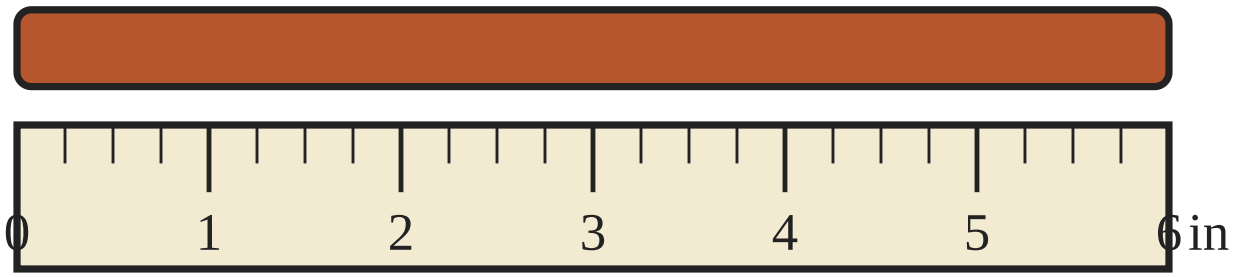


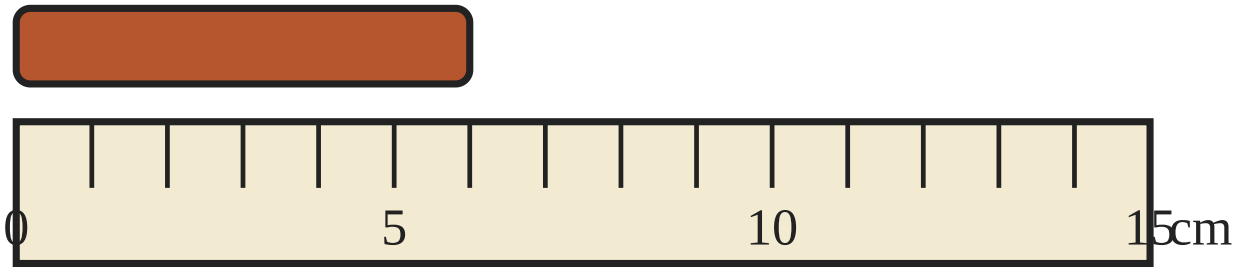


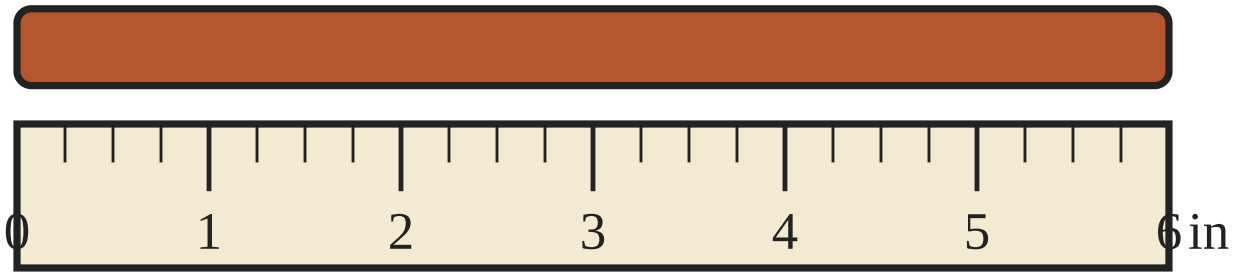


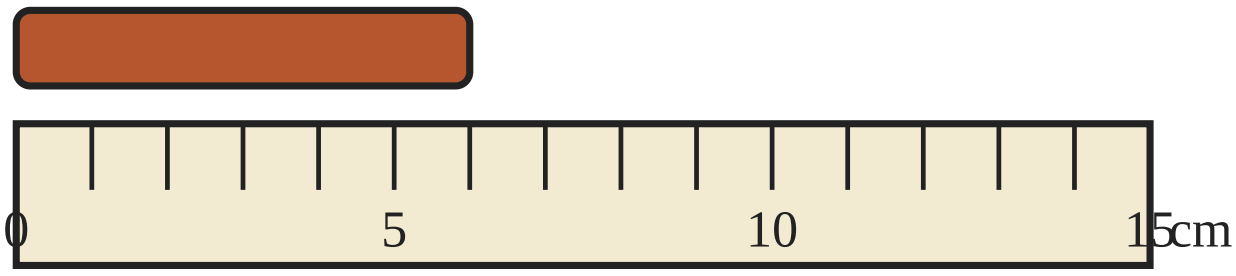
Paper Rulers

Kindergarten Math · Print at 100% (actual size, not “fit to page”) and check one inch against a real ruler before use.









Flashcards (+ facts)

Kindergarten Math · Cut on the dashed lines. Print on cardstock if you can.

0 + 0	0 + 1	0 + 2	0 + 3
0 + 4	0 + 5	1 + 0	1 + 1
1 + 2	1 + 3	1 + 4	1 + 5
2 + 0	2 + 1	2 + 2	2 + 3
2 + 4	2 + 5	3 + 0	3 + 1

Timed Drill: Addition to 10

Kindergarten Math · One minute (or as long as it takes; record the time). Score ____ / 60

2 + 4 = ____	2 + 3 = ____	1 + 5 = ____	0 + 4 = ____
3 + 3 = ____	4 + 4 = ____	5 + 1 = ____	4 + 3 = ____
2 + 2 = ____	1 + 4 = ____	0 + 1 = ____	3 + 1 = ____
4 + 0 = ____	3 + 1 = ____	1 + 1 = ____	3 + 2 = ____
2 + 2 = ____	2 + 4 = ____	2 + 3 = ____	4 + 0 = ____
3 + 4 = ____	3 + 4 = ____	4 + 1 = ____	4 + 2 = ____
4 + 2 = ____	3 + 5 = ____	1 + 3 = ____	0 + 3 = ____
3 + 0 = ____	3 + 2 = ____	1 + 5 = ____	3 + 3 = ____
5 + 4 = ____	0 + 3 = ____	2 + 2 = ____	0 + 1 = ____
2 + 2 = ____	4 + 5 = ____	2 + 5 = ____	2 + 5 = ____
0 + 5 = ____	4 + 2 = ____	4 + 3 = ____	2 + 3 = ____
3 + 3 = ____	1 + 1 = ____	1 + 5 = ____	3 + 0 = ____
0 + 4 = ____	3 + 3 = ____	5 + 4 = ____	2 + 2 = ____
2 + 0 = ____	3 + 1 = ____	4 + 2 = ____	4 + 5 = ____
2 + 0 = ____	4 + 2 = ____	2 + 0 = ____	3 + 5 = ____

Timed Drill Key: Addition to 10

Kindergarten Math · For the parent. Every answer is computer-checked.

2 + 4 = **6**	2 + 3 = **5**	1 + 5 = **6**	0 + 4 = **4**
3 + 3 = **6**	4 + 4 = **8**	5 + 1 = **6**	4 + 3 = **7**
2 + 2 = **4**	1 + 4 = **5**	0 + 1 = **1**	3 + 1 = **4**
4 + 0 = **4**	3 + 1 = **4**	1 + 1 = **2**	3 + 2 = **5**
2 + 2 = **4**	2 + 4 = **6**	2 + 3 = **5**	4 + 0 = **4**
3 + 4 = **7**	3 + 4 = **7**	4 + 1 = **5**	4 + 2 = **6**
4 + 2 = **6**	3 + 5 = **8**	1 + 3 = **4**	0 + 3 = **3**
3 + 0 = **3**	3 + 2 = **5**	1 + 5 = **6**	3 + 3 = **6**
5 + 4 = **9**	0 + 3 = **3**	2 + 2 = **4**	0 + 1 = **1**
2 + 2 = **4**	4 + 5 = **9**	2 + 5 = **7**	2 + 5 = **7**
0 + 5 = **5**	4 + 2 = **6**	4 + 3 = **7**	2 + 3 = **5**
3 + 3 = **6**	1 + 1 = **2**	1 + 5 = **6**	3 + 0 = **3**
0 + 4 = **4**	3 + 3 = **6**	5 + 4 = **9**	2 + 2 = **4**
2 + 0 = **2**	3 + 1 = **4**	4 + 2 = **6**	4 + 5 = **9**
2 + 0 = **2**	4 + 2 = **6**	2 + 0 = **2**	3 + 5 = **8**

Fact-Mastery Tracker

Kindergarten Math · Each Friday write the score (or a check when every fact is answered in about 3 seconds).

Facts	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8
Counting to 20								
Counting to 100								
Making 5								
Making 10								
Adding within 5								
Subtracting within 5								

Record Sheet

Kindergarten Math · One line per lesson: date finished, Worksheet A score, Worksheet B score, notes.

Lesson	Date	A	B	Notes
1.1 Counting Objects to 5				
1.2 Writing 0 to 5				
1.3 More, Fewer, Same				
1.4 Number Bonds to 5				
2.1 6 to 10 on the Ten-Frame				
2.2 Writing 6 to 10				
2.3 Comparing Numbers to 10				
2.4 One More, One Less				
3.1 Circles, Squares, Triangles, Rectangles				
3.2 Solid Shapes				
3.3 Position Words, Left and Right				
3.4 Sorting and Patterns				
4.1 Putting Together				
4.2 The + and = Signs				
4.3 Addition Stories				
4.4 Ways to Make 10				
5.1 Taking Away				
5.2 The − Sign				
5.3 Subtraction Stories				
5.4 Fact Families to 5				
6.1 Ten and Some More				
6.2 11 to 15				
6.3 16 to 20				
6.4 Counting to 20 and Back				
7.1 Counting by Tens				
7.2 The Hundred Chart				
7.3 Counting On				
7.4 Counting by Twos and Fives				
8.1 Long and Short, Tall and Short				
8.2 Heavy and Light; Full and Empty				
8.3 Penny, Nickel, Dime				
8.4 Days of the Week and the Calendar				
9.1 Numbers to 20				
9.2 Adding and Taking Away				
9.3 Shapes and Measures				
9.4 End-of-Year Check				

Placement Check

School Launch · Kindergarten Math · readiness: counting, matching and comparing small groups · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. How many? Count and write the number.

MEDIUM



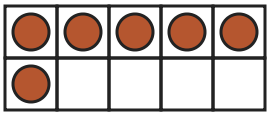
2. How many? Count and write the number.

MEDIUM



3. How many? Count and write the number.

MEDIUM



4. Write <, > or = : 4 ___ 1 MEDIUM

5. Which is longer, A or B? MEDIUM

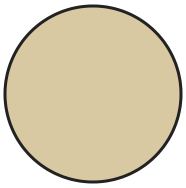
A



B



6. Name this shape. MEDIUM



7. What comes next? hen, hen, duck, hen, hen, duck, hen, ___ MEDIUM

8. What number comes just after 1? MEDIUM

9. How many? Count and write the number.

MEDIUM



10. Which is heavier: a mouse or an ox?

MEDIUM

Answer Key · Placement Check

School Launch · Kindergarten Math · readiness: counting, matching and comparing small groups · Worksheet A · for the parent

Key

1. 1

1. Touch each one and count: 1, 2, 3 … 1.

How many? Count and write the number.

2. 6

1. Touch each one and count: 1, 2, 3 … 6.

How many? Count and write the number.

3. 6

1. Touch each one and count: 1, 2, 3 … 6.

How many? Count and write the number.

4. 4 > 1

1. 4 is more than 1.
2. 4 > 1

Write <, > or = : 4 ___ 1

5. B

1. Both start at the same place. Compare the ends.
2. B is longer.

Which is longer, A or B?

6. circle

1. It is round, with no sides or corners.
2. It is a circle.

Name this shape.

7. hen

1. The part that repeats is: hen, hen, duck.
2. Next comes hen.

What comes next? hen, hen, duck, hen, hen, duck, hen, ___

8. 2

1. 1 + 1 = 2

What number comes just after 1?

9. 2

1. Touch each one and count: 1, 2, 3 … 2.

How many? Count and write the number.

10. an ox

1. An ox is much heavier than a mouse.
2. So the heavier one is an ox.

Which is heavier: a mouse or an ox?

Unit 1 Check: Counting to 5

School Launch · Kindergarten Math · Unit 1: Counting to 5 · Worksheet A

No calculator

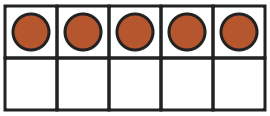
Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. How many? Count and write the number. MEDIUM



2. How many? Count and write the number. HARD



3. How many? Count and write the number. MEDIUM



4. How many? Count and write the number. MEDIUM

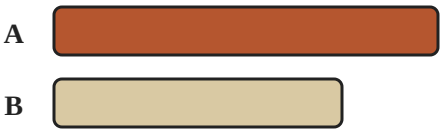


5. What number comes just after 3? HARD

6. How many? Count and write the number. MEDIUM

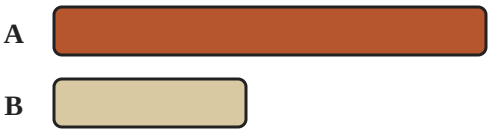


7. Which is longer, A or B? MEDIUM

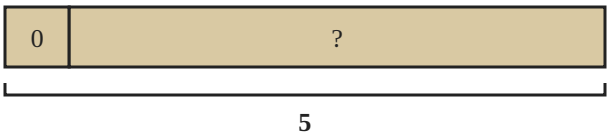


8. Write <, > or = : 0 ___ 1 HARD

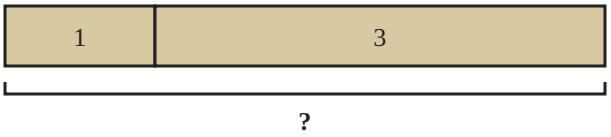
9. Which is longer, A or B? MEDIUM



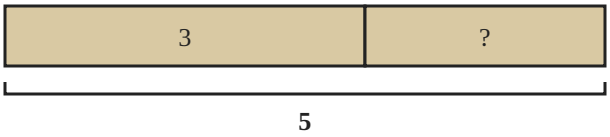
10. Number bond: 5 is 0 and ___. MEDIUM



11. Noah led 1 sheep into the ark, then 3 more. How many sheep went in? HARD



12. Number bond: 5 is 3 and ___. MEDIUM



Answer Key · Unit 1 Check: Counting to 5

School Launch · Kindergarten Math · Unit 1: Counting to 5 · Worksheet A · for the parent

Key

1. 4

1. Touch each one and count: 1, 2, 3 … 4.

How many? Count and write the number.

2. 5

1. Touch each one and count: 1, 2, 3 … 5.

How many? Count and write the number.

3. 5

1. Touch each one and count: 1, 2, 3 … 5.

How many? Count and write the number.

4. 2

1. Touch each one and count: 1, 2, 3 … 2.

How many? Count and write the number.

5. 4

1. 3 + 1 = 4

What number comes just after 3?

6. 3

1. Touch each one and count: 1, 2, 3 … 3.

How many? Count and write the number.

7. A

1. Both start at the same place. Compare the ends.
2. A is longer.

Which is longer, A or B?

8. 0 < 1

1. 0 is less than 1.
2. 0 < 1

Write <, > or = : 0 ___ 1

9. A

1. Both start at the same place. Compare the ends.
2. A is longer.

Which is longer, A or B?

10. 5

1. 0 + ___ = 5
2. 0 + 5 = 5

Number bond: 5 is 0 and ___.

11. 4 sheep. 4 sheep went into the ark.

1. Unknown: the total.
2. Bar model: two parts, 1 and 3; the whole is unknown.
3. Equation: 1 + 3 = ?
4. 1 + 3 = 4
5. Answer: 4 sheep went into the ark.

Noah led 1 sheep into the ark, then 3 more. How many sheep went in?

12. 2

1. 3 + ___ = 5
2. 3 + 2 = 5

Number bond: 5 is 3 and ___.

Unit 2 Check: Counting to 10

School Launch · Kindergarten Math · Unit 2: Counting to 10 · Worksheet A

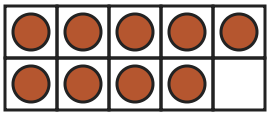
No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. How many? Count and write the number.

MEDIUM



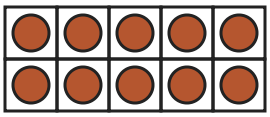
2. How many? Count and write the number.

HARD



3. How many? Count and write the number.

MEDIUM



4. How many? Count and write the number.

MEDIUM



5. Fill in the missing number: 3, 4, ___, 6

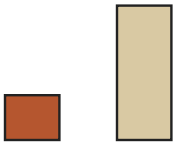
HARD

6. How many? Count and write the number.

MEDIUM

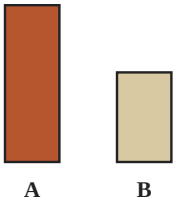


7. Which is taller, A or B? MEDIUM



8. Write <, > or = : 9 ___ 9 HARD

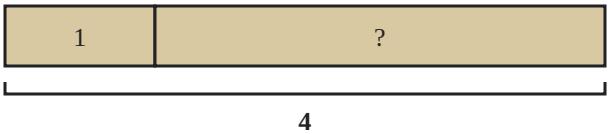
9. Which is taller, A or B? MEDIUM



10. What number comes just before 8? MEDIUM

11. A blacksmith had 4 nails. He used 1 to shoe the horses. How many nails are left?

HARD



12. What number comes just before 3? MEDIUM

Answer Key · Unit 2 Check: Counting to 10

School Launch · Kindergarten Math · Unit 2: Counting to 10 · Worksheet A · for the parent

Key

1. 9

1. Touch each one and count: 1, 2, 3 … 9.

How many? Count and write the number.

2. 7

1. Touch each one and count: 1, 2, 3 … 7.

How many? Count and write the number.

3. 10

1. Touch each one and count: 1, 2, 3 … 10.

How many? Count and write the number.

4. 8

1. Touch each one and count: 1, 2, 3 … 8.

How many? Count and write the number.

5. 5

1. The numbers go up by 1 each time.
2. 4 + 1 = 5

Fill in the missing number: 3, 4, ___, 6

6. 10

1. Touch each one and count: 1, 2, 3 … 10.

How many? Count and write the number.

7. B

1. Both stand on the same line. Compare the tops.
2. B is taller.

Which is taller, A or B?

8. 9 = 9

1. 9 is the same as 9.
2. 9 = 9

Write <, > or = : 9 ___ 9

9. A

1. Both stand on the same line. Compare the tops.
2. A is taller.

Which is taller, A or B?

10. 7

1. 8 − 1 = 7

What number comes just before 8?

11. 3 nails. 3 nails are left.

1. Unknown: how many are left.
2. Bar model: the whole is 4; one part is 1; the other part is unknown.
3. Equation: 4 − 1 = ?
4. 4 − 1 = 3
5. Answer: 3 nails are left.

A blacksmith had 4 nails. He used 1 to shoe the horses. How many nails are left?

12. 2

1. 3 − 1 = 2

What number comes just before 3?

Unit 3 Check: Shapes and Position

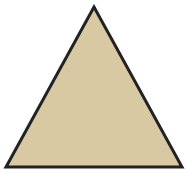
School Launch · Kindergarten Math · Unit 3: Shapes and Position · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. How many sides does this shape have? MEDIUM



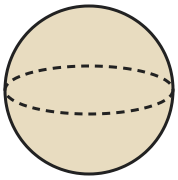
2. Name this shape. HARD



3. How many sides does this shape have? MEDIUM



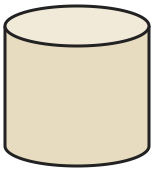
4. Name this solid shape. MEDIUM



5. Name this shape. HARD



6. Name this solid shape. MEDIUM



7. Three things stand in a row from left to right: the cup, the plate, the bowl. What is just to the right of the plate? MEDIUM

8. In the playroom, the door is in front, the window is on the right, the fireplace is behind and the bookshelf is on the left, going around clockwise. A toy robot faces the window. It makes a quarter turn to the left. What does it face now? HARD

9. Three things stand in a row from left to right: the red block, the blue block, the green block. What is just to the left of the green block? MEDIUM

10. Sort these buttons into two piles, big and small: small, small, small, big, big, big, small. How many are in the big pile? MEDIUM

11. What comes next? hen, hen, duck, hen, hen, duck, ___ HARD

12. Sort these buttons into two piles, red and blue: blue, blue, blue, red, red, red. How many are in the blue pile? MEDIUM

Answer Key · Unit 3 Check: Shapes and Position

School Launch · Kindergarten Math · Unit 3: Shapes and Position · Worksheet A · for the parent

Key

1. 3

1. Count the straight sides as you go around: 1, 2, 3.
2. It is a triangle with 3 sides.

How many sides does this shape have?

2. rectangle

1. It has 4 straight sides and 4 corners.
2. It is a rectangle.

Name this shape.

3. 4

1. Count the straight sides as you go around: 1, 2, 3, 4.
2. It is a square with 4 sides.

How many sides does this shape have?

4. sphere

1. It has a round surface all over, like a ball.
2. It is a sphere.

Name this solid shape.

5. square

1. It has 4 straight sides and 4 corners.
2. It is a square.

Name this shape.

6. cylinder

1. It has two flat circles and a curved side, like a can.
2. It is a cylinder.

Name this solid shape.

7. the bowl

1. Point to each thing from left to right, the way we read.
2. The plate is number 2. One step to the right is number 3: the bowl.

Three things stand in a row from left to right: the cup, the plate, the bowl. What is just to the right of the plate?

8. the door

1. Start facing the window.
2. Quarter turn left: now facing the door.

In the playroom, the door is in front, the window is on the right, the fireplace is behind and the bookshelf is on the left, going around clockwise. A toy robot faces the window. It makes a quarter turn to the left. What does it face now?

9. the blue block

1. Point to each thing from left to right, the way we read.
2. The green block is number 3. One step to the left is number 2: the blue block.

Three things stand in a row from left to right: the red block, the blue block, the green block. What is just to the left of the green block?

10. 3

1. Make two piles, big and small.
2. Count the big buttons: 3.
3. 3 + 4 = 7

Sort these buttons into two piles, big and small: small, small, small, big, big, big, small. How many are in the big pile?

11. hen

1. The part that repeats is: hen, hen, duck.
2. Next comes hen.

What comes next? hen, hen, duck, hen, hen, duck, ___

12. 3

1. Make two piles, red and blue.
2. Count the blue buttons: 3.
3. 3 + 3 = 6

Sort these buttons into two piles, red and blue: blue, blue, blue, red, red, red. How many are in the blue pile?

Unit 4 Check: Adding Within 10

School Launch · Kindergarten Math · Unit 4: Adding Within 10 · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. 2 + 1 = ___ MEDIUM

2. 5 + 4 = ___ HARD

3. 4 + 3 = ___ MEDIUM

4. 1 + 4 = ___ MEDIUM

5. Find the missing number: 4 + ___ = 5 HARD

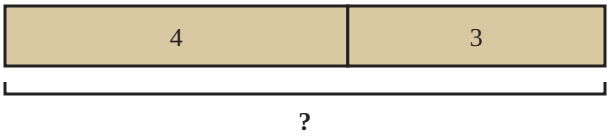
6. 6 + 3 = ___ MEDIUM

7. Noah led 2 sheep into the ark, then 1 more. How many sheep went in? HARD

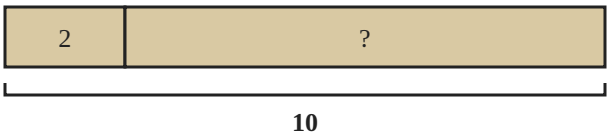


8. 5 + 1 = ___ HARD

9. A Roman legion marched 4 miles one week and 3 miles the next. How far did it march? HARD

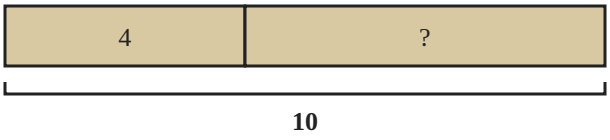


10. Number bond: 10 is 2 and ___. MEDIUM



11. Find the missing number: 0 + ___ = 2 HARD

12. Number bond: 10 is 4 and ___. MEDIUM



Answer Key · Unit 4 Check: Adding Within 10

School Launch · Kindergarten Math · Unit 4: Adding Within 10 · Worksheet A · for the parent

Key

1. 3

1. Start at 2 and count on 1: 3.
2. 2 + 1 = 3

2 + 1 = ___

2. 9

1. 5 + 4 = 9
2. Check: 9 − 4 = 5

5 + 4 = ___

3. 7

1. Start at 4 and count on 3: 5, 6, 7.
2. 4 + 3 = 7

4 + 3 = ___

4. 5

1. Start with the bigger number, 4, and count on 1: 5.
2. 4 + 1 = 5

1 + 4 = ___

5. 1

1. Think: what goes with 4 to make 5?
2. 5 − 4 = 1
3. Check: 4 + 1 = 5

Find the missing number: 4 + ___ = 5

6. 9

1. Start at 6 and count on 3: 7, 8, 9.
2. 6 + 3 = 9

6 + 3 = ___

7. 3 sheep. 3 sheep went into the ark.

1. Unknown: the total.
2. Bar model: two parts, 2 and 1; the whole is unknown.
3. Equation: 2 + 1 = ?
4. 2 + 1 = 3
5. Answer: 3 sheep went into the ark.

Noah led 2 sheep into the ark, then 1 more. How many sheep went in?

8. 6

1. Start at 5 and count on 1: 6.
2. 5 + 1 = 6

5 + 1 = ___

9. 7 miles. It marched 7 miles.

1. Unknown: the total.
2. Bar model: two parts, 4 and 3; the whole is unknown.
3. Equation: 4 + 3 = ?
4. 4 + 3 = 7
5. Answer: It marched 7 miles.

A Roman legion marched 4 miles one week and 3 miles the next. How far did it march?

10. 8

1. 2 + ___ = 10
2. 2 + 8 = 10

Number bond: 10 is 2 and ___.

11. 2

1. Think: what goes with 0 to make 2?
2. 2 − 0 = 2
3. Check: 0 + 2 = 2

Find the missing number: 0 + ___ = 2

12. 6

1. 4 + ___ = 10
2. 4 + 6 = 10

Number bond: 10 is 4 and ___.

Every answer was recomputed by an independent checker from the problem data, and every equation in the steps was evaluated.

Unit 5 Check: Taking Away Within 10

School Launch · Kindergarten Math · Unit 5: Taking Away Within 10 · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. 4 − 3 = ___ MEDIUM

2. 7 − 5 = ___ HARD

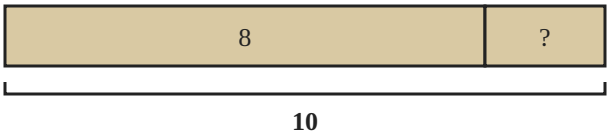
3. 4 − 2 = ___ MEDIUM

4. 6 − 0 = ___ MEDIUM

5. Find the missing number: 2 − ___ = 2 HARD

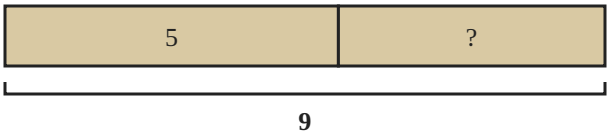
6. 7 − 0 = ___ MEDIUM

7. A wagon carried 10 sacks of flour. 8 sacks were left at the mill. How many sacks are still on the wagon? HARD



8. 6 − 1 = ___ HARD

9. Gideon had 9 men. He sent 5 home. How many men stayed? HARD



10. 3 − 2 = ___ MEDIUM

11. Write the fact family for 2, 1 and 3. HARD

12. 2 − 0 = ___ MEDIUM

Answer Key · Unit 5 Check: Taking Away Within 10

School Launch · Kindergarten Math · Unit 5: Taking Away Within 10 · Worksheet A · for the parent

Key

1. 1

1. Start at 4 and count back 3: 3, 2, 1.
2. 4 − 3 = 1

4 − 3 = ___

2. 2

1. 7 − 5 = 2
2. Check: 2 + 5 = 7

7 − 5 = ___

3. 2

1. Start at 4 and count back 2: 3, 2.
2. 4 − 2 = 2

4 − 2 = ___

4. 6

1. 6 − 0 = 6
2. Check: 6 + 0 = 6

6 − 0 = ___

5. 0

1. Think addition: 2 + ___ = 2
2. 2 − 2 = 0

Find the missing number: 2 − ___ = 2

6. 7

1. 7 − 0 = 7
2. Check: 7 + 0 = 7

7 − 0 = ___

7. 2 sacks. 2 sacks are still on the wagon.

1. Unknown: how many are left.
2. Bar model: the whole is 10; one part is 8; the other part is unknown.
3. Equation: 10 − 8 = ?
4. 10 − 8 = 2
5. Answer: 2 sacks are still on the wagon.

A wagon carried 10 sacks of flour. 8 sacks were left at the mill. How many sacks are still on the wagon?

8. 5

1. Start at 6 and count back 1: 5.
2. 6 − 1 = 5

6 − 1 = ___

9. 4 men. 4 men stayed.

1. Unknown: how many are left.
2. Bar model: the whole is 9; one part is 5; the other part is unknown.
3. Equation: 9 − 5 = ?
4. 9 − 5 = 4
5. Answer: 4 men stayed.

Gideon had 9 men. He sent 5 home. How many men stayed?

10. 1

1. Start at 3 and count back 2: 2, 1.
2. 3 − 2 = 1

3 − 2 = ___

11. 2 + 1 = 3; 1 + 2 = 3; 3 − 2 = 1; 3 − 1 = 2

1. 2 + 1 = 3
2. 1 + 2 = 3
3. 3 − 2 = 1
4. 3 − 1 = 2

Write the fact family for 2, 1 and 3.

12. 2

1. 2 − 0 = 2
2. Check: 2 + 0 = 2

2 − 0 = ___

Unit 6 Check: Teen Numbers

School Launch · Kindergarten Math · Unit 6: Teen Numbers · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

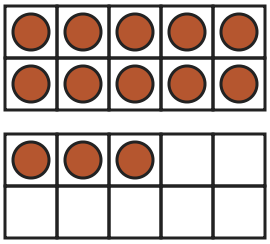
Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. 1 tens and 9 ones make what number?

MEDIUM

2. How many? Count and write the number.

HARD

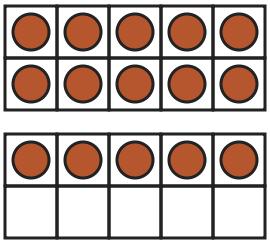


3. 1 tens and 3 ones make what number?

MEDIUM

4. How many? Count and write the number.

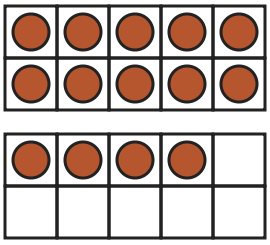
MEDIUM



5. What number comes just after 14? HARD

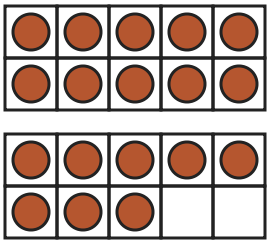
6. How many? Count and write the number.

MEDIUM



7. How many? Count and write the number.

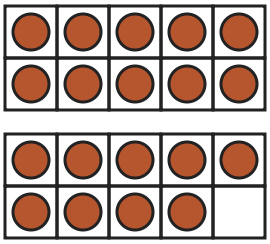
MEDIUM



8. 1 tens and 8 ones make what number? HARD

9. How many? Count and write the number.

MEDIUM



10. Fill in the missing number: 6, 5, 4, ___, 2

MEDIUM

11. Write <, > or = : 10 ___ 10 HARD

12. Fill in the missing number: 17, 16, ___, 14, 13 MEDIUM

Answer Key · Unit 6 Check: Teen Numbers

School Launch · Kindergarten Math · Unit 6: Teen Numbers · Worksheet A · for the parent

Key

1. 19

1. 1 tens = 10
2. 10 + 9 = 19

1 tens and 9 ones make what number?

2. 13

1. Count the full tens first, then the ones: 1 ten and 3 more make 13.

How many? Count and write the number.

3. 13

1. 1 tens = 10
2. 10 + 3 = 13

1 tens and 3 ones make what number?

4. 15

1. Count the full tens first, then the ones: 1 ten and 5 more make 15.

How many? Count and write the number.

5. 15

1. 14 + 1 = 15

What number comes just after 14?

6. 14

1. Count the full tens first, then the ones: 1 ten and 4 more make 14.

How many? Count and write the number.

7. 18

1. Count the full tens first, then the ones: 1 ten and 8 more make 18.

How many? Count and write the number.

8. 18

1. 1 tens = 10
2. 10 + 8 = 18

1 tens and 8 ones make what number?

9. 19

1. Count the full tens first, then the ones: 1 ten and 9 more make 19.

How many? Count and write the number.

10. 3

1. The numbers go down by 1 each time.
2. 4 − 1 = 3

Fill in the missing number: 6, 5, 4, ___, 2

11. 10 = 10

1. 10 is the same as 10.
2. 10 = 10

Write <, > or = : 10 ___ 10

12. 15

1. The numbers go down by 1 each time.
2. 16 − 1 = 15

Fill in the missing number: 17, 16, ___, 14, 13

Unit 7 Check: Counting to 100

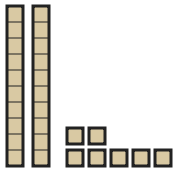
School Launch · Kindergarten Math · Unit 7: Counting to 100 · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

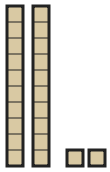
Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

1. What number do the blocks show? MEDIUM



2. What number is ten more than 49? HARD

3. What number do the blocks show? MEDIUM



4. What number is ten more than 78? MEDIUM

5. Fill in the missing number: 6, 7, 8, 9, ___ HARD

6. What number is ten less than 34? MEDIUM

7. Fill in the missing number: 36, 37, 38, 39, ____ MEDIUM

8. What number comes just after 69? HARD

9. Fill in the missing number: 96, ___, 98, 99, 100 MEDIUM

10. Fill in the missing number: 8, 13, 18, ___, 28 MEDIUM

11. Fill in the missing number: 54, 44, 34, 24, ____ HARD

12. Fill in the missing number: 25, 30, 35, ___, 45 MEDIUM

Answer Key · Unit 7 Check: Counting to 100

School Launch · Kindergarten Math · Unit 7: Counting to 100 · Worksheet A · for the parent

Key

1. 27

1. 2 tens = 20
2. 7 ones = 7
3. 20 + 7 = 27

What number do the blocks show?

2. 59

1. 49 + 10 = 59

What number is ten more than 49?

3. 22

1. 2 tens = 20
2. 2 ones = 2
3. 20 + 2 = 22

What number do the blocks show?

4. 88

1. 78 + 10 = 88

What number is ten more than 78?

5. 10

1. The numbers go up by 1 each time.
2. 9 + 1 = 10

Fill in the missing number: 6, 7, 8, 9, ___

6. 24

1. 34 − 10 = 24

What number is ten less than 34?

7. 40

1. The numbers go up by 1 each time.
2. 39 + 1 = 40

Fill in the missing number: 36, 37, 38, 39, ___

8. 70

1. 69 + 1 = 70

What number comes just after 69?

9. 97

1. The numbers go up by 1 each time.
2. 96 + 1 = 97

Fill in the missing number: 96, ___, 98, 99, 100

10. 23

1. The numbers go up by 5 each time.
2. 18 + 5 = 23

Fill in the missing number: 8, 13, 18, ___, 28

11. 14

1. The numbers go down by 10 each time.
2. 24 − 10 = 14

Fill in the missing number: 54, 44, 34, 24, ___

12. 40

1. The numbers go up by 5 each time.
2. 35 + 5 = 40

Fill in the missing number: 25, 30, 35, ___, 45

Unit 8 Check: Measuring, Money and Time

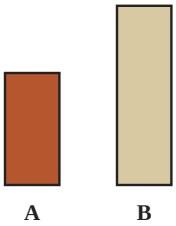
School Launch · Kindergarten Math · Unit 8: Measuring, Money and Time · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

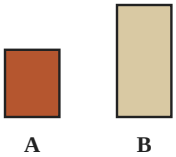
1. Which is shorter, A or B? MEDIUM



2. How many squares long is the bar? HARD

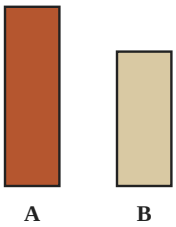


3. Which is shorter, A or B? MEDIUM



4. Which is heavier: an empty cup or a full bucket? MEDIUM

5. Which is taller, A or B? HARD



6. Which is heavier: a feather or a wagon? MEDIUM

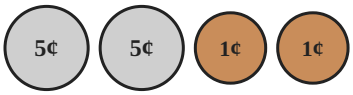
7. How much money is shown? MEDIUM



8. How much money is shown? HARD



9. How much money is shown? MEDIUM



10. Today is Tuesday. What day was yesterday? MEDIUM

11. What month comes after December? HARD

12. Today is Sunday. What day was yesterday? MEDIUM

Answer Key · Unit 8 Check: Measuring, Money and Time

School Launch · Kindergarten Math · Unit 8: Measuring, Money and Time · Worksheet A · for the parent

Key

1. A

1. Both stand on the same line. Compare the tops.
2. A is shorter.

Which is shorter, A or B?

2. 2

1. Count the squares from one end to the other: 1, 2 … 2.

How many squares long is the bar?

3. A

1. Both stand on the same line. Compare the tops.
2. A is shorter.

Which is shorter, A or B?

4. a full bucket

1. A full bucket is much heavier than an empty cup.
2. So the heavier one is a full bucket.

Which is heavier: an empty cup or a full bucket?

5. A

1. Both stand on the same line. Compare the tops.
2. A is taller.

Which is taller, A or B?

6. a wagon

1. A wagon is much heavier than a feather.
2. So the heavier one is a wagon.

Which is heavier: a feather or a wagon?

7. 15¢

1. Start with the coin worth the most and count on: 5, 10, 15.
2. Total: 15¢

How much money is shown?

8. 11¢

1. Start with the coin worth the most and count on: 10, 11.
2. Total: 11¢

How much money is shown?

9. 12¢

1. Start with the coin worth the most and count on: 5, 10, 11, 12.
2. Total: 12¢

How much money is shown?

10. Monday

1. Go back one day: Tuesday → Monday.

Today is Tuesday. What day was yesterday?

11. January

1. Say the months in order: … December, January …

What month comes after December?

12. Saturday

1. Go back one day: Sunday → Saturday.

Today is Sunday. What day was yesterday?

Unit 9 Check: Review

School Launch · Kindergarten Math · Unit 9: Review · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 12

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

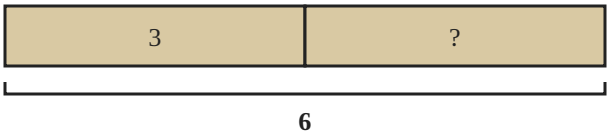
1. Write <, > or = : 1 ___ 16 MEDIUM

2. Fill in the missing number: 14, 15, ___, 17, 18 HARD

3. Write <, > or = : 4 ___ 0 MEDIUM

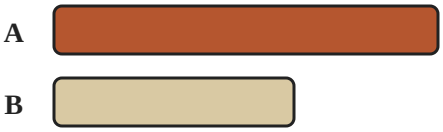
4. 9 − 4 = ___ MEDIUM

5. A shepherd had 6 sheep. 3 wandered off. How many sheep are still with him? HARD

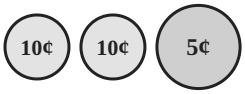


6. 4 − 1 = ___ MEDIUM

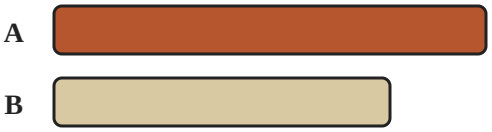
7. Which is longer, A or B? MEDIUM



8. How much money is shown? HARD



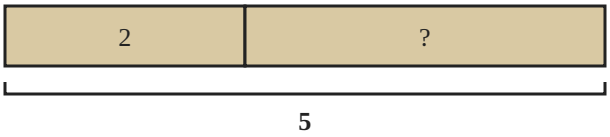
9. Which is longer, A or B? MEDIUM



10. 0 + 0 = ___ MEDIUM

11. 5 − 1 = ___ MEDIUM

12. A wagon carried 5 sacks of flour. 2 sacks were left at the mill. How many sacks are still on the wagon? HARD



Answer Key · Unit 9 Check: Review

School Launch · Kindergarten Math · Unit 9: Review · Worksheet A · for the parent

Key

1. 1 < 16

1. 1 is less than 16.
2. 1 < 16

Write <, > or = : 1 ___ 16

2. 16

1. The numbers go up by 1 each time.
2. 15 + 1 = 16

Fill in the missing number: 14, 15, ___, 17, 18

3. 4 > 0

1. 4 is more than 0.
2. 4 > 0

Write <, > or = : 4 ___ 0

4. 5

1. 9 − 4 = 5
2. Check: 5 + 4 = 9

9 − 4 = ___

5. 3 sheep. 3 sheep are still with him.

1. Unknown: how many are left.
2. Bar model: the whole is 6; one part is 3; the other part is unknown.
3. Equation: 6 − 3 = ?
4. 6 − 3 = 3
5. Answer: 3 sheep are still with him.

A shepherd had 6 sheep. 3 wandered off. How many sheep are still with him?

6. 3

1. Start at 4 and count back 1: 3.
2. 4 − 1 = 3

4 − 1 = ___

7. A

1. Both start at the same place. Compare the ends.
2. A is longer.

Which is longer, A or B?

8. 25¢

1. Start with the coin worth the most and count on: 10, 20, 25.
2. Total: 25¢

How much money is shown?

9. A

1. Both start at the same place. Compare the ends.
2. A is longer.

Which is longer, A or B?

10. 0

1. This is a double: 0 + 0 = 0

0 + 0 = ___

11. 4

1. Start at 5 and count back 1: 4.
2. 5 − 1 = 4

5 − 1 = ___

12. 3 sacks. 3 sacks are still on the wagon.

1. Unknown: how many are left.
2. Bar model: the whole is 5; one part is 2; the other part is unknown.
3. Equation: 5 − 2 = ?
4. 5 − 2 = 3
5. Answer: 3 sacks are still on the wagon.

A wagon carried 5 sacks of flour. 2 sacks were left at the mill. How many sacks are still on the wagon?

End-of-Year Check

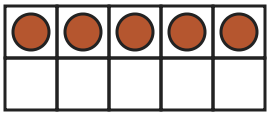
School Launch · Kindergarten Math · Units 1–8 · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 24

Read each problem aloud. Your child may use counters and fingers. Write or circle the answer; check it together with the key.

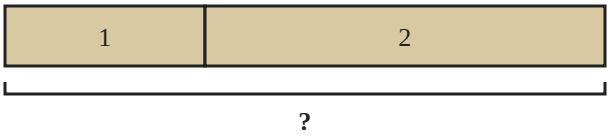
1. How many? Count and write the number. HARD



2. What number comes just after 4? HARD

3. Write <, > or = : 1 ___ 4 HARD

4. The baker made 1 rolls and 2 loaves. How many pieces of bread did she make? HARD



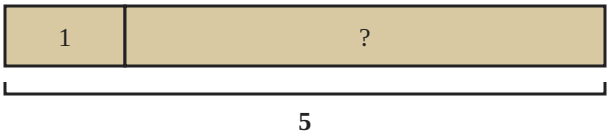
5. How many? Count and write the number. HARD



6. Fill in the missing number: 3, 4, ___, 6 HARD

7. Write <, > or = : 6 ___ 9 HARD

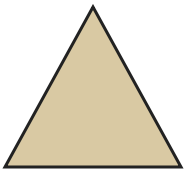
8. Gideon had 5 men. He sent 1 home. How many men stayed? HARD



9. Name this shape. HARD



10. Name this shape. HARD



11. In the playroom, the door is in front, the window is on the right, the fireplace is behind and the bookshelf is on the left, going around clockwise. A toy robot faces the window. It makes two quarter turns (a half turn) to the left. What does it face now? HARD

12. What comes next? red, blue, red, blue, red, ___ HARD

13. 1 + 1 = ___ HARD

14. Find the missing number: 2 + ___ = 2 HARD

15. 3 + 1 = ___ HARD

16. Find the missing number: 3 + ___ = 3 HARD

17. 8 − 3 = ___ HARD

18. Find the missing number: 5 − ___ = 1

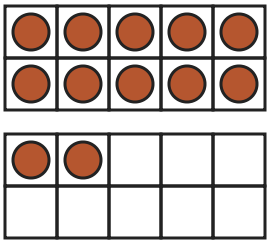
HARD

19. 4 − 3 = ___ HARD

20. Write the fact family for 3, 4 and 7. HARD

21. How many? Count and write the number.

HARD



22. What number comes just after 14? HARD

23. 1 tens and 2 ones make what number?

HARD

24. Write <, > or = : 16 ___ 17 HARD

Answer Key · End-of-Year Check

School Launch · Kindergarten Math · Units 1–8 · Worksheet A · for the parent

Key

1. 5

1. Touch each one and count: 1, 2, 3 … 5.

How many? Count and write the number.

2. 5

1. 4 + 1 = 5

What number comes just after 4?

3. 1 < 4

1. 1 is less than 4.
2. 1 < 4

Write <, > or = : 1 ___ 4

4. 3 pieces. She made 3 pieces of bread.

1. Unknown: the total.
2. Bar model: two parts, 1 and 2; the whole is unknown.
3. Equation: 1 + 2 = ?
4. 1 + 2 = 3
5. Answer: She made 3 pieces of bread.

The baker made 1 rolls and 2 loaves. How many pieces of bread did she make?

5. 9

1. Touch each one and count: 1, 2, 3 … 9.

How many? Count and write the number.

6. 5

1. The numbers go up by 1 each time.
2. 4 + 1 = 5

Fill in the missing number: 3, 4, ___, 6

7. 6 < 9

1. 6 is less than 9.
2. 6 < 9

Write <, > or = : 6 ___ 9

8. 4 men. 4 men stayed.

1. Unknown: how many are left.
2. Bar model: the whole is 5; one part is 1; the other part is unknown.
3. Equation: 5 − 1 = ?
4. 5 − 1 = 4
5. Answer: 4 men stayed.

Gideon had 5 men. He sent 1 home. How many men stayed?

9. rectangle

1. It has 4 straight sides and 4 corners.
2. It is a rectangle.

Name this shape.

10. triangle

1. It has 3 straight sides and 3 corners.
2. It is a triangle.

Name this shape.

11. the bookshelf

1. Start facing the window.
2. Quarter turn left: now facing the door.
3. Quarter turn left: now facing the bookshelf.

In the playroom, the door is in front, the window is on the right, the fireplace is behind and the bookshelf is on the left, going around clockwise. A toy robot faces the window. It makes two quarter turns (a half turn) to the left. What does it face now?

12. blue

1. The part that repeats is: red, blue.
2. Next comes blue.

What comes next? red, blue, red, blue, red, ___

13. 2

1. This is a double: 1 + 1 = 2

1 + 1 = ___

14. 0

1. Think: what goes with 2 to make 2?
2. 2 − 2 = 0
3. Check: 2 + 0 = 2

Find the missing number: 2 + ___ = 2

15. 4

1. Start at 3 and count on 1: 4.
2. 3 + 1 = 4

3 + 1 = ___

16. 0

1. Think: what goes with 3 to make 3?
2. 3 − 3 = 0
3. Check: 3 + 0 = 3

Find the missing number: 3 + ___ = 3

17. 5

1. Start at 8 and count back 3: 7, 6, 5.
2. 8 − 3 = 5

8 − 3 = ___

18. 4

1. Think addition: 1 + ___ = 5
2. 5 − 1 = 4

Find the missing number: 5 − ___ = 1

19. 1

1. Start at 4 and count back 3: 3, 2, 1.
2. 4 − 3 = 1

4 − 3 = ___

Every answer was recomputed by an independent checker from the problem data, and every equation in the steps was evaluated.

20. 3 + 4 = 7; 4 + 3 = 7; 7 − 3 = 4; 7 − 4 = 3

1. 3 + 4 = 7
2. 4 + 3 = 7
3. 7 − 3 = 4
4. 7 − 4 = 3

Write the fact family for 3, 4 and 7.

---

21. 12

1. Count the full tens first, then the ones: 1 ten and 2 more make 12.

How many? Count and write the number.

---

22. 15

1. 14 + 1 = 15

What number comes just after 14?

---

23. 12

1. 1 tens = 10
2. 10 + 2 = 12

1 tens and 2 ones make what number?

---

24. 16 < 17

1. 16 is less than 17.
2. 16 < 17

Write <, > or = : 16 ___ 17
