THIRD SPACE LEARNING

3rd Grade South Carolina State Practice Math Test

South Carolina Practice Test
Grade 3

Grade 3

Questions

Name: ..... Class: .....

Date: ..... Score: .....

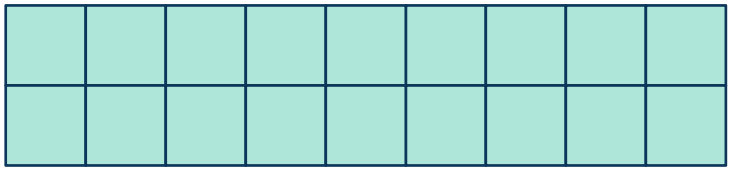
1 Luisa reads for 1 hour. Then she plays with her dog for 30 minutes. Then she eats dinner for 30 minutes. If she finishes dinner at 6:00 pm, what time did Luisa start reading?

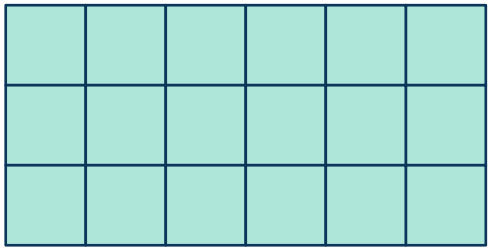
A. 4:00 pm
B. 8:00 pm
C. 7:30 pm
D. 5:30 pm

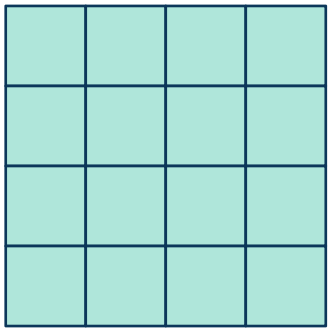
2 Which patterns have a rule of add 7? Select all that apply.

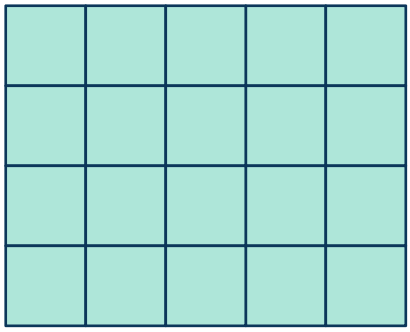
A. 1, 8, 15, 21
B. 11, 17, 23, 29
C. 7, 15, 22, 29
D. 15, 22, 29, 36

3 Which rectangle has the largest area?

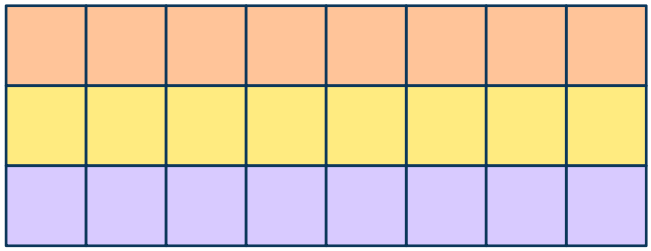
A. 

B. 

C. 

D. 

4

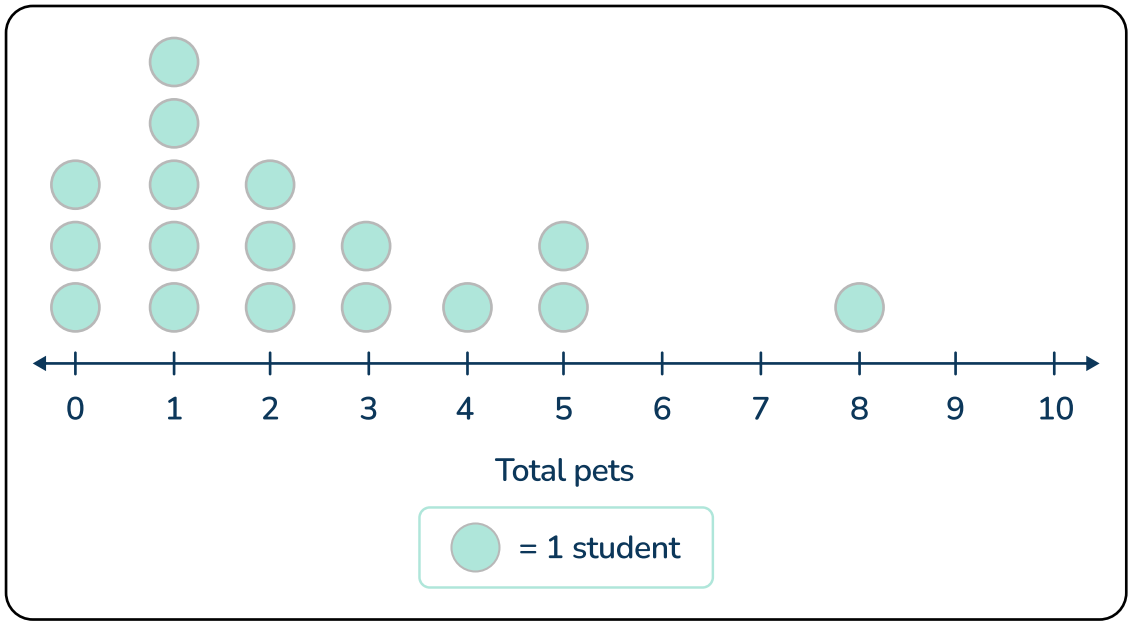


Which expression does the array show?

A. 8×3
B. 8×8
C. $24 \div 3$
D. $8 \div 3$
E. 3×4

---

5 Brody made a graph to show how many pets each student in his class has.



What was the highest number of pets a student had?

A. 5
B. 10
C. 8
D. 6

6 Cheng is solving 8 × 9. Which strategies can Cheng use? Select **all** the correct answers.

A. Solve 4 × 9 and then double it.
B. Solve 8 × 10 and subtract 8.
C. Solve 8 × 8 and add 9.
D. Solve 9 × 9 and subtract 8.
E. Solve 8 × 3 and then triple it.

---

7 Marco drinks $\frac{1}{4}$ of a liter of water. Aiko drinks $\frac{1}{3}$ of a liter of water. Which statement is true?

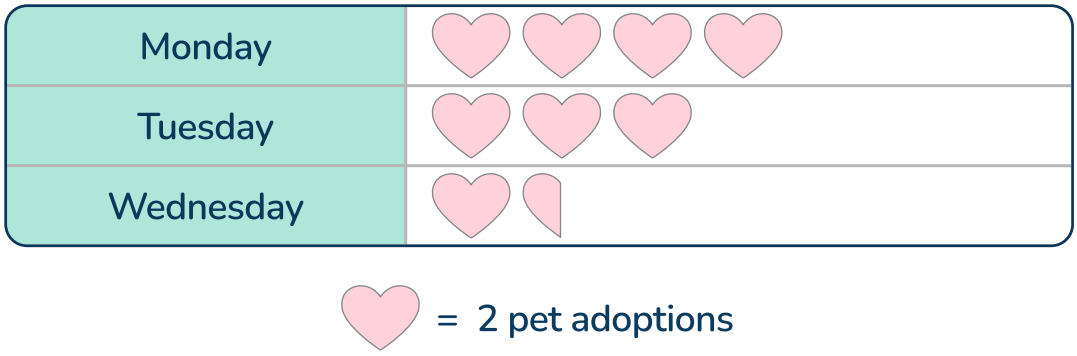
A. Marco drinks more, because $\frac{1}{4} > \frac{1}{3}$ ..

B. Aiko drinks more, because $\frac{1}{3} > \frac{1}{4}$.

C. They drink the same because they both drink 1 part.

D. The denominators are different, so we can't compare $\frac{1}{6}$ and $\frac{1}{8}$.

8



How many pets were adopted on Wednesday?

A. 3
B. 2
C. 4
D. 1

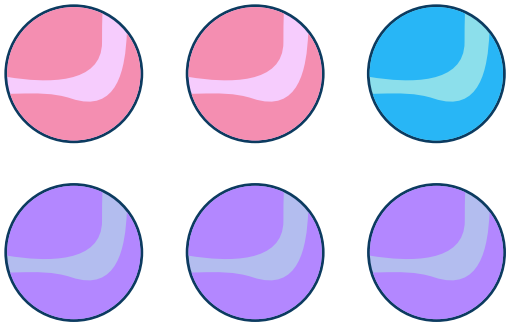
9

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

The multiples of 4 are circled in blue. The multiples of 8 are circled in red. Which pattern about the multiples is true?

A. The multiples of 4 are always odd.
B. The multiples of 8 switch between odd and even.
C. All multiples of 8 are also multiples of 4.
D. All multiples of 4 are also multiples of 8.

10 Sam has some marbles.



What fraction of the marbles are red?

A. $\frac{2}{6}$

B. $\frac{4}{6}$

C. $\frac{2}{4}$

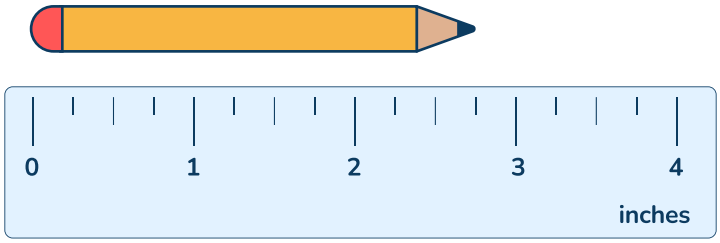
D. $\frac{6}{2}$

11

What is the value of the coins?

A. $0.44
B. $0.84
C. $0.09
D. $0.93

12

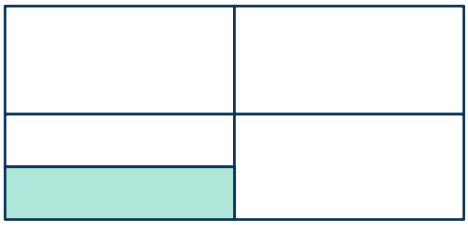


About how long is the pencil? Select **all** the correct answers.

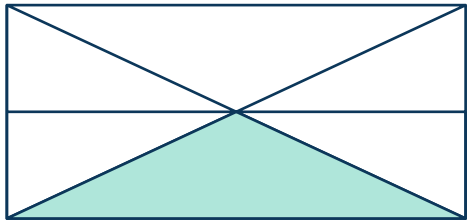
A. $2\frac{3}{4}$ inches
B. 6 centimeters
C. 3 inches
D. 7 centimeters
E. 2 inches

13 Which choice shows $\frac{1}{8}$ of the rectangle shaded?

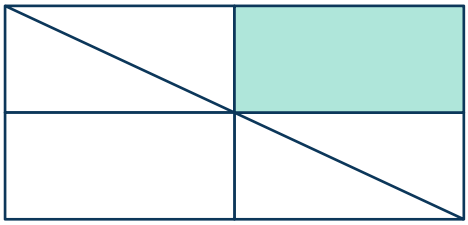
A.



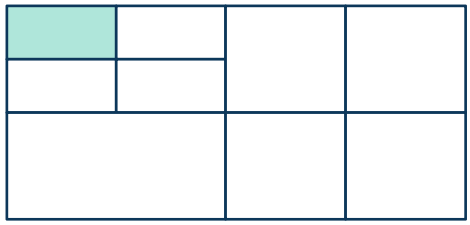
B.



C.



D.



---

14 If Anya knows 7 × 8, what other math facts does she also know? Select all the correct answers.

A. 7 × 7
B. 8 × 7
C. 56 ÷ 7
D. 54 ÷ 8
E. 8 × 8

15 Kori puts some square sticky notes on the front of her diary, without overlapping.

What is the total area of the front of Kori's diary, in sticky notes?

A. 8
B. 12
C. 16
D. 20

16

Which is the best unit to measure the liquid in a cup of tea?

A. ounces
B. quarts
C. gallons
D. liters

17 A chocolate bar is split into equal-size pieces. James ate 3 pieces. James ate $\frac{3}{8}$ of the whole chocolate bar. What fraction represents the size of one piece of the chocolate bar?

A. $\frac{1}{3}$

B. $\frac{1}{8}$

C. $\frac{3}{8}$

D. $\frac{8}{8}$

---

18 Which equation is true?

A. 80,000 + 600 + 70 + 1 = 86,071

B. 17,405 = 10,000 + 7,000 + 400 + 50

C. 400,000 + 3,000 + 800 = 438,000

D. 903,705 = 900,000 + 3,000 + 700 + 5

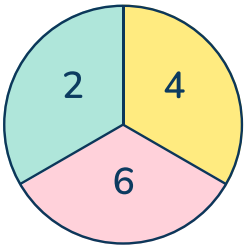
19 A rectangle has an area of 20 square units. What could be the perimeter of the rectangle? Select **all** the correct answers.

A. 12 units
B. 20 units
C. 15 units
D. 18 units
E. 24 units

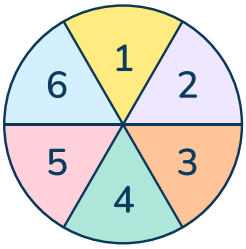
---

20 Which spinner does **not** have 5 as an outcome?

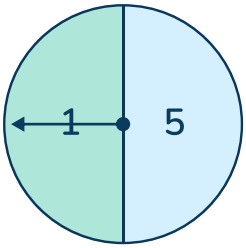
A.



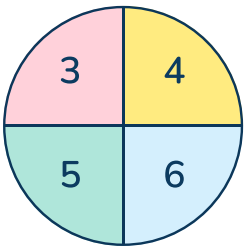
B.



C.



D.



21 The cafeteria had 425 juice boxes before lunch. There were 187 left after lunch. How many juice boxes were sold during lunch?

A. 325
B. 235
C. 248
D. 238

22

What number does point M show?

A. $\frac{8}{4}$

B. $\frac{4}{4}$

C. $\frac{3}{4}$

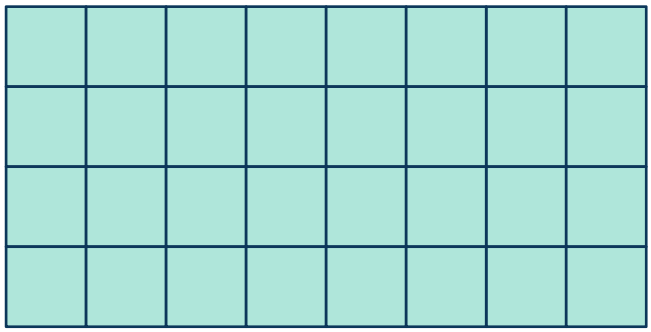
D. 0

23 Each fish tank has 5 fish. There are 60 fish in all. How many fish tanks are there?

A. 55 fish tanks
B. 9 fish tanks
C. 12 fish tanks
D. 65 fish tanks

---

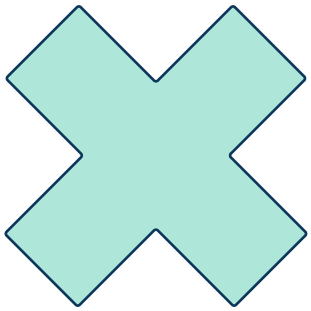
24 The rectangle is made of unit squares.



Which strategy finds the area of the rectangle? Select **all** the correct answers.

A. 4×8
B. $2 \times 4 \times 8$
C. $4 + 8 + 4 + 8$
D. $4 + 4 + 4 + 4 + 4 + 4 + 4$
E. $8 + 8 + 8 + 8$

25 How many line segments are in the figure?



A. 10
B. 12
C. 14
D. 15

---

26 Pattern: 66, 59, 52, 45, ___, ___, ___
What are the next 3 numbers in the pattern?

A. 38, 32, 26
B. 39, 33, 27
C. 38, 31, 24
D. 37, 29, 21

27 Mrs. Anong has 42 pencils. She will give 6 students the same number of pencils. Each student gets △ pencils. Which equation can be used to solve?

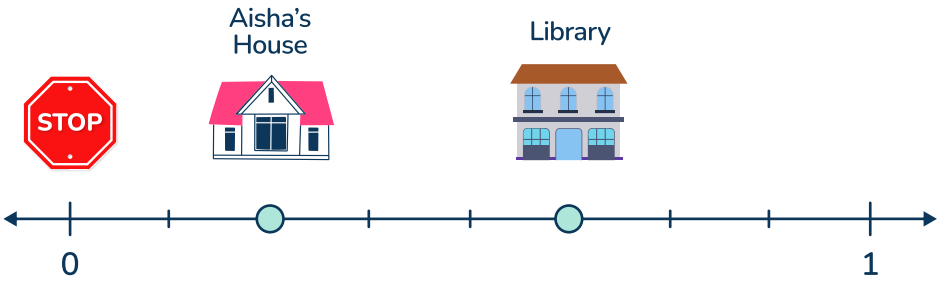
A. $6 \times \triangle = 42$
B. $42 \times 6 = \triangle$
C. $\triangle \div 42 = 6$
D. $6 \div \triangle = 42$

28 Which comparison is true?

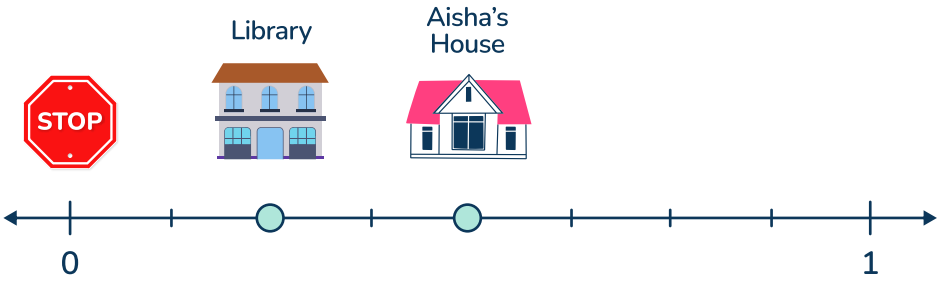
A. $719{,}405 < 719{,}022$
B. $34{,}589 > 34{,}601$
C. $405{,}251 < 405{,}302$
D. $44{,}591 < 44{,}396$

29 Aisha lives on a 1 mile long street. Her house is $\frac{1}{4}$ of a mile from the stop sign. The library is $\frac{5}{8}$ of a mile from the stop sign. Which number line shows where Aisha's house and the library are?

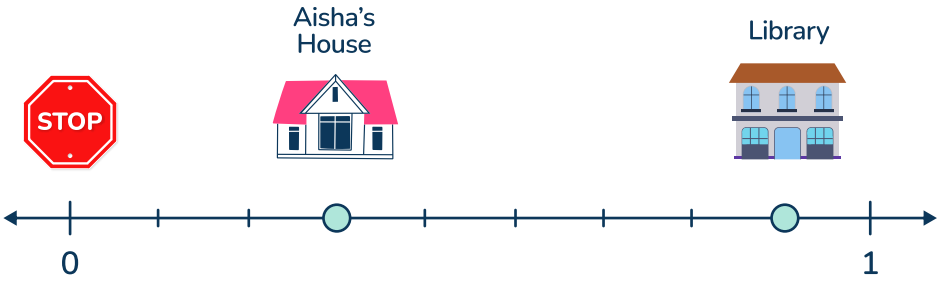
A.



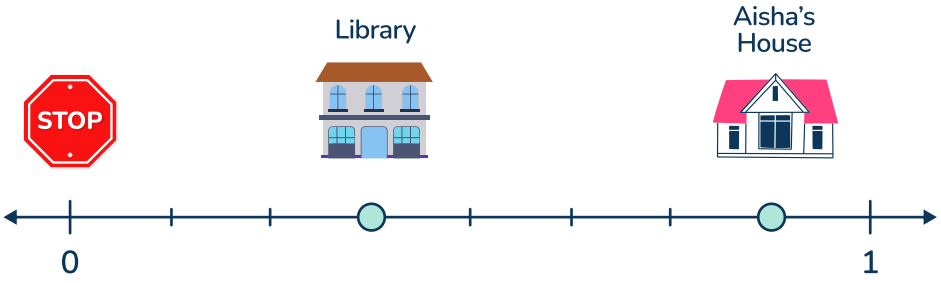
B.



C.



D.



30 Solve 457 + 349 = ___

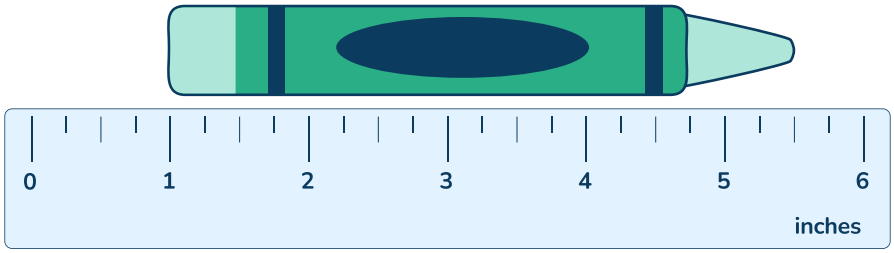
A. 796
B. 896
C. 706
D. 806

---

31 A theater sold 128 adult tickets and 63 less child tickets. How many adult and child tickets were sold?

A. 65
B. 193
C. 191
D. 319

32



About what is the length of the crayon?

A. $5\frac{1}{2}$ inches

B. $4\frac{1}{2}$ inches

C. 5 inches

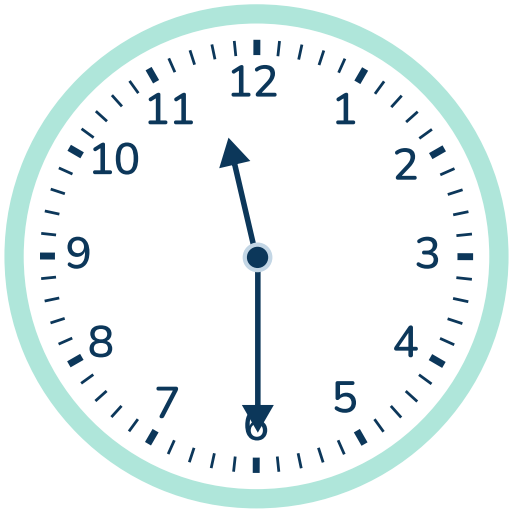
D. 6 inches

33 The store sold 87 books on day one and 91 on day two. At the end of day three, 300 total books had been sold. How many books were sold on day three?

A. 278
B. 209
C. 122
D. 213

---

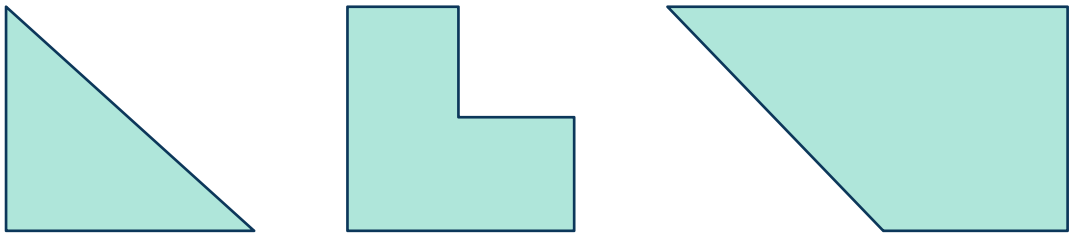
34 Deborah's class finishes lunch at the time on the clock.



Lunch took 30 minutes. Before lunch, they played on the playground for 30 minutes. What time did they go to the playground?

A. 11:00
B. 11:30
C. 10:00
D. 10:30

35 Marcus sorts these figures into the same group.



Which statement best describes the figures in this group?

A. Each figure has perpendicular line segments.
B. Each figure has acute angles.
C. Each figure has obtuse angles.
D. Each figure has parallel line segments.

---

36 What is the value of $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$?

Select **all** the correct answers.

A. $\frac{7}{4}$

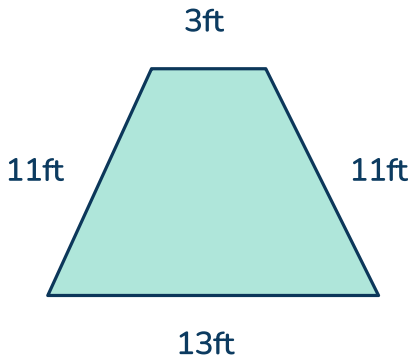
B. $\frac{7}{28}$

C. $1\frac{3}{4}$

D. $\frac{4}{7}$

E. $1\frac{1}{4}$

37



What is the perimeter of the shape?

A. 33 ft
B. 27 ft
C. 38 ft
D. 46 ft

---

38 Which story problems are about finding the area of a shape? Select **all** the correct answers.

A. Raja is measuring the distance around a basketball court.
B. Keisha wants to find out how many stickers will cover her notebook.
C. Miguel needs to know how tall his new bookshelf is.
D. Jamal needs to know how many tiles will cover his bedroom floor.
E. Aisha is measuring how far she can jump.

---

39 How can 18 buttons be arranged in equal rows? Select **all** the correct answers.

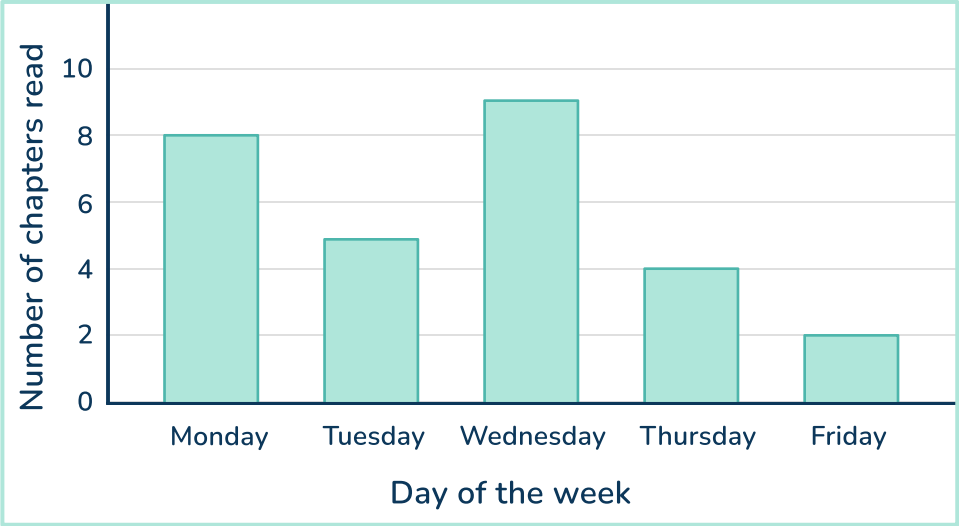
A. 4 rows of 6
B. 2 rows of 9
C. 11 rows of 7
D. 1 row of 8
E. 3 rows of 6

40 Which story problem can be solved with 45 ÷ 5?

A. Tom bought 45 pears. Fiona bought 5 times as many pears as Tom.
B. There were 45 pears. Then Tom ate 5 pears.
C. There were 5 pears and Tom bought 45 more.
D. Tom puts 5 pears in each bag. He has 45 pears.

---

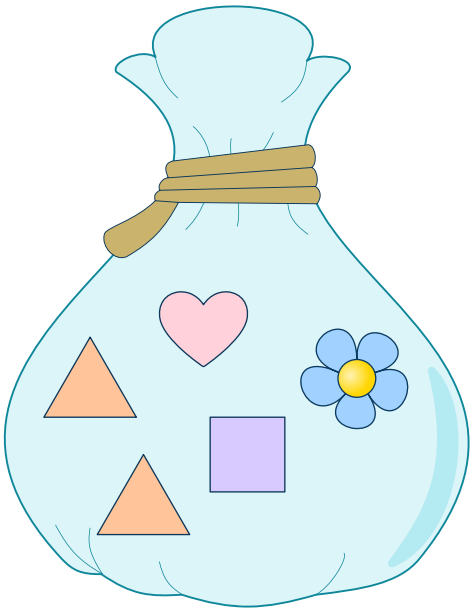
41 Derya recorded how many chapters she read each day last week.



How many chapters did Derya read on Tuesday?

A. 4
B. 2
C. 5
D. 3

42 Amara will choose an eraser from the bag.



Which outcomes are possible? Select **all** the correct answers.

A. Choosing a rainbow
B. Choosing a circle
C. Choosing a flower
D. Choosing a cookie
E. Choosing a heart

---

43 Noah eats $\frac{1}{4}$ of a small pizza. Who ate the same amount as Noah?

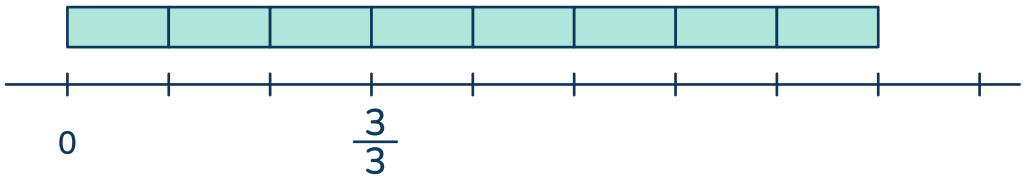
A. Lucas ate $\frac{1}{4}$ of a medium pizza.

B. Riley ate $\frac{2}{4}$ of a small pizza.

C. Priya ate $\frac{2}{8}$ of a small pizza.

D. Robin ate $\frac{4}{8}$ of a medium pizza.

44 Dani has 8 equal size bookmarks. Each bookmark is $\frac{1}{3}$ of a foot long. She lines up the bookmarks and draws a number line below them.



Which is the length of the cards as a fraction?

A. $\frac{3}{8}$ ft

B. $\frac{8}{3}$ ft

C. $\frac{8}{12}$ ft

D. $\frac{8}{1}$ ft

---

45 Maya is making lemonade for a party. She uses one lemon to make $\frac{1}{8}$ of a gallon of lemonade. She has made $\frac{4}{8}$ of a gallon of lemonade. How many lemons has she used?

A. $\frac{1}{2}$

B. $\frac{5}{8}$

C. 8

D. 4

46 What is 447 rounded to the nearest hundred?

A. 400
B. 440
C. 450
D. 500

---

47 Eloise collects coins. The number of coins she has, rounded to the nearest hundred, is 300 coins. What could be the actual number of coins Eloise has?

A. 353
B. 268
C. 379
D. 247

---

48 There are 10 students. They are put into two groups. Each group has the same amount of students. Which equation shows the number of students in each group, s?

A. $10 + 2 = s$
B. $10 - 2 = s$
C. $10 \times 2 = s$
D. $10 \div 2 = s$

49 How do you read 819,305?

A. Eight hundred nineteen thousand three hundred five
B. Eighty nine thousand thirty hundred five
C. Eight hundred nineteen thirty five
D. Eight hundred nineteen thousand thirty five

---

50 Which equation can help you solve $32 \div 4 = \triangle$?

A. $\triangle \div 4 = 32$
B. $\triangle \times 32 = 4$
C. $4 \times \triangle = 32$
D. $4 \div \triangle = 32$

Answer Key - Multiple Choice

Item number	Correct answer	Standard(s)	DOK
1	A	**3.MGSR.2.3**	DOK 2
2	D	**3.PAFR.2.3**	DOK 1
3	D	**3.MGSR.1.1**	DOK 1
4	A, C	**3.PAFR.1.2**	DOK 2
5	C	**3.DPSR.1.2**	DOK 2
6	A, B, E	**3.PAFR.1.3**	DOK 3
7	B	**3.NR.2.6**	DOK 2
8	A	**3.DPSR.1.2**	DOK 2
9	C	**3.PAFR.2.4**	DOK 2
10	A	**3.NR.2.2**	DOK 2
11	B	**3.MGSR.2.1**	DOK 1
12	A, D	**3.MGSR.2.4**	DOK 2
13	A	**3.NR.2.2**	DOK 3
14	B, C	**3.PAFR.1.2**	DOK 1
15	D	**3.MGSR.1.1**	DOK 2
16	A	**3.MGSR.2.5**	DOK 1
17	B	**3.NR.2.4**	DOK 2
18	D	**3.NR.1.1**	DOK 1
19	D, E	**3.MGSR.1.1, 3.MGSR.1.2**	DOK 3
20	A	**3.DPSR.2.1**	DOK 1

Item number	Correct answer	Standard(s)	DOK
21	D	**3.PAFR.2.2**	DOK 2
22	A	**3.NR.2.3**	DOK 2
23	C	**3.PAFR.2.1**	DOK 2
24	A, E	**3.MGSR.1.1**	DOK 2
25	B	**3.MGSR.3.2**	DOK 1
26	C	**3.PAFR.2.3**	DOK 2
27	A	**3.PAFR.2.1**	DOK 2
28	C	**3.NR.1.3**	DOK 1
29	A	**3.NR.2.2**	DOK 2
30	D	**3.PAFR.1.1**	DOK 1
31	B	**3.PAFR.2.2**	DOK 2
32	B	**3.MGSR.2.4**	DOK 2
33	C	**3.PAFR.2.2**	DOK 2
34	D	**3.MGSR.2.2, 3.MGSR.2.3**	DOK 2
35	A	**3.MGSR.3.1, 3.MSGR.3.2**	DOK 2
36	A, C	**3.NR.2.4**	DOK 2
37	C	**3.MGSR.1.2**	DOK 1
38	B, D	**3.MGSR.1.3**	DOK 2
39	B, E	**3.PAFR.1.2**	DOK 1
40	D	**3.PAFR.2.1**	DOK 2

Item number	Correct answer	Standard(s)	DOK
41	C	**3.DPSR.1.2**	DOK 2
42	C, E	**3.DPSR.2.2**	DOK 2
43	C	**3.NR.2.5**	DOK 2
44	B	**3.NR.2.4**	DOK 2
45	D	**3.NR.2.1**	DOK 2
46	A	**3.NR.1.4**	DOK 1
47	B	**3.NR.1.4**	DOK 3
48	D	**3.PAFR.2.1**	DOK 2
49	A	**3.NR.1.1**	DOK 1
50	C	**3.PAFR.1.3**	DOK 1

ANSWERS SORTED BY REPORTING CATEGORIES

Numerical Reasoning			
Item number	Correct answer	Standard(s)	DOK
7	B	**3.NR.2.6**	DOK 2
10	A	**3.NR.2.2**	DOK 2
13	A	**3.NR.2.2**	DOK 3
17	B	**3.NR.2.4**	DOK 2
18	D	**3.NR.1.1**	DOK 1
22	A	**3.NR.2.3**	DOK 2
28	C	**3.NR.1.3**	DOK 1
29	A	**3.NR.2.2**	DOK 2
36	A, C	**3.NR.2.4**	DOK 2
43	C	**3.NR.2.5**	DOK 2
44	B	**3.NR.2.4**	DOK 2
45	D	**3.NR.2.1**	DOK 2
46	A	**3.NR.1.4**	DOK 1
47	B	**3.NR.1.4**	DOK 3
49	A	**3.NR.1.1**	DOK 1

Patterns, Algebra and Functional Reasoning			
Item number	Correct answer	Standard(s)	DOK
2	D	**3.PAFR.2.3**	DOK 1
4	A, C	**3.PAFR.1.2**	DOK 2
6	A, B, E	**3.PAFR.1.3**	DOK 3
9	C	**3.PAFR.2.4**	DOK 2
14	B, C	**3.PAFR.1.2**	DOK 1
21	D	**3.PAFR.2.2**	DOK 2
23	C	**3.PAFR.2.1**	DOK 2
26	C	**3.PAFR.2.3**	DOK 2
27	A	**3.PAFR.2.1**	DOK 2
30	D	**3.PAFR.1.1**	DOK 1
31	B	**3.PAFR.2.2**	DOK 2
33	C	**3.PAFR.2.2**	DOK 2
39	B, E	**3.PAFR.1.2**	DOK 1
40	D	**3.PAFR.2.1**	DOK 2
48	D	**3.PAFR.2.1**	DOK 2
50	C	**3.PAFR.1.3**	DOK 1

Measurement, Geometry and Spatial Reasoning			
Item number	Correct answer	Standard(s)	DOK
1	A	**3.MGSR.2.3**	DOK 2
3	D	**3.MGSR.1.1**	DOK 1
11	B	**3.MGSR.2.1**	DOK 1
12	A, D	**3.MGSR.2.4**	DOK 2
15	D	**3.MGSR.1.1**	DOK 2
16	A	**3.MGSR.2.5**	DOK 1
19	D, E	**3.MGSR.1.1, 3.MGSR.1.2**	DOK 3
24	A, E	**3.MGSR.1.1**	DOK 2
25	B	**3.MGSR.3.2**	DOK 1
32	B	**3.MGSR.2.4**	DOK 2
34	D	**3.MGSR.2.2, 3.MGSR.2.3**	DOK 2
35	A	**3.MGSR.3.1, 3.MSGR.3.2**	DOK 2
37	C	**3.MGSR.1.2**	DOK 1
38	B, D	**3.MGSR.1.3**	DOK 2

Data, Probability and Statistical Reasoning			
Item number	Correct answer	Standard(s)	DOK
5	C	**3.DPSR.1.2**	DOK 2
8	A	**3.DPSR.1.2**	DOK 2
20	A	**3.DPSR.2.1**	DOK 1
41	C	**3.DPSR.1.2**	DOK 2
42	C, E	**3.DPSR.2.1**	DOK 2

Do you have a group of students who need a boost in math?

Each student could receive a personalized lesson every week from our specialist one-on-one math tutors.

- Differentiated instruction for each student
- Aligned to your state's standard
- Scaffolded learning to close gaps

Speak to us

thirdspacelearning.com/us/

(929) 298 - 4593

hello@thirdspacelearning.com

THIRD SPACE LEARNING