

Rita wrote the number pattern shown below.

57, 53, 49, 45, 41

- a) What could be the rule for Rita's pattern?
b) Use the rule you wrote in part (a) to write the next number in Rita's pattern.

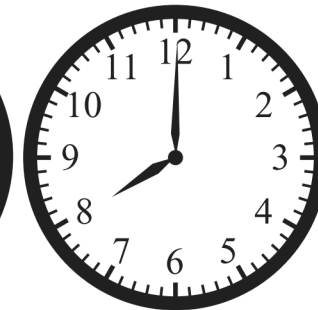
57, 53, 49, 45, 41, ____

The clocks below show Alex's bedtime and his older sister Patty's bedtime.

Alex's Bedtime



Patty's Bedtime



How much earlier is Alex's bedtime than Patty's bedtime?

Which *two* ways show how to find the value of 7×40 ?

Select the *two* correct answers.

- 7×4
- 4×10
- $7 \times 4 \times 10$
- 7 groups of 4 ones
- 7 groups of 4 tens

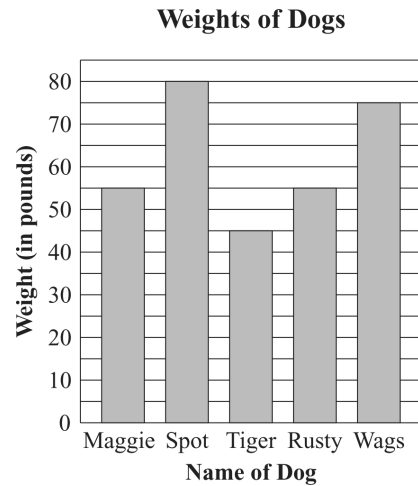
Ian made a pattern by shading some numbers on a multiplication table, as shown.

×	0	1	2	3	
0	0	0	0	0	
1	0	1	2	3	
2	0	2	4	6	
3	0	3	6	9	

Ian fills in the rest of the multiplication table. Then he continues his shading pattern.

What is the next number Ian will shade in his pattern?

The bar graph below shows the weights of five dogs.



Buster weighs 60 pounds. Write the names of the dogs from the graph that weigh more than Buster.

Graham's sunflower is 2 feet tall. Katie's sunflower is 1 foot 8 inches tall.

How many inches taller is Graham's sunflower than Katie's sunflower?

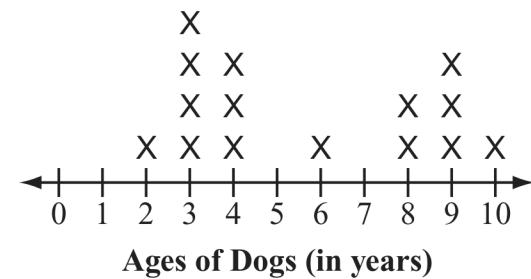
Three children collected stickers.

- David collected the fewest stickers.
- Betty collected 52 stickers.
- Craig collected 74 stickers.

Which of these could be the number of stickers that David collected?

- A. 61 B. 76 C. 49 D. 54

The line plot below shows the ages of the dogs in an animal shelter.



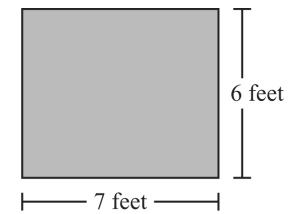
How many dogs are **more than** 5 years old?

Which of these is equal to the expression below?

$$8 \times 6$$

- A. $(5 \times 3) \times 6$ B. $(5 \times 3) + 6$
C. $(5 + 3) + 6$ D. $(5 + 3) \times 6$

Ms. Shaw has a quilt that is in the shape of a rectangle. The quilt is 7 feet long and 6 feet wide, as shown below.



- a) What is the perimeter, in feet, of Ms. Shaw's quilt? Show or explain how you got your answer.
- b) Ms. Garcia also has a quilt in the shape of a rectangle. Ms. Garcia's quilt has the same perimeter as Ms. Shaw's quilt but has a different area. What could be the length and the width, in feet, of Ms. Garcia's quilt? Show or explain how you got your answer.

This table shows the number of people who went to the school play on three different days.

School Play

Day	Number of People
Friday	412
Saturday	345
Sunday	284

- a) Round to the nearest ten the number of people who went to the school play on *each* of the three days. Show or explain how you got each of your answers.
- b) Isaac is rounding the three numbers in the table to the nearest *hundred*. He thinks two of the numbers will be the same after they are rounded. Show or explain why Isaac's reasoning is correct.

Cindy is finding the quotient for $27 \div 9$. She says, "The answer is 18 because addition is the opposite of division and $9 + 18 = 27$."

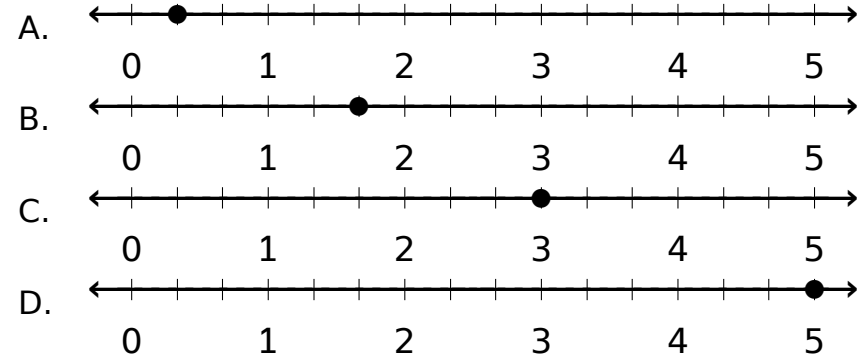
- a) Identify the incorrect reasoning in Cindy's statement.
- b) Show or explain how Cindy can correct her reasoning.
- Find the quotient when 27 is divided by 9.

Two fractions are shown below.

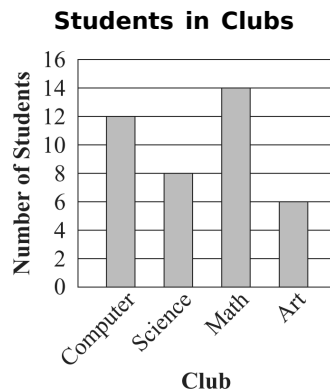
$$\frac{2}{8} \quad \frac{2}{3}$$

- Write a number sentence. sentence to compare $\frac{2}{8}$ and $\frac{2}{3}$. Use $<$, $>$, or $=$ in your number sentence.
- Draw a model that shows your number sentence is correct.

Which number line shows the correct location of the number $\frac{5}{3}$?

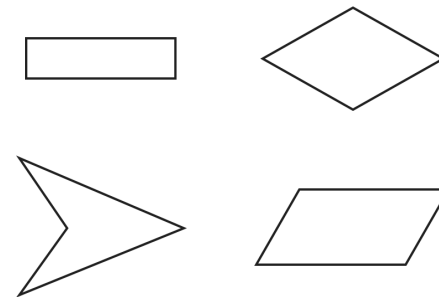


The bar graph below shows the number of students who belong to each club at Patterson School.



How many more students belong to the Math Club than to the Art Club?

Mr. Jacobs showed the shapes below to his class.



Which word describes *all* of the shapes?

- rectangles
- quadrilaterals
- triangles
- squares

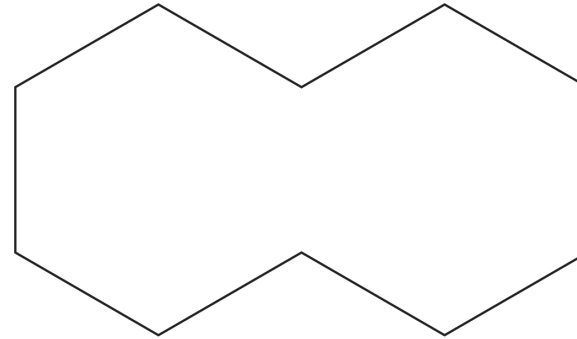
Alyssa is solving this equation.

$$56 \div 7 = n$$

Which of these could Alyssa use to find the value of n ?

- A. $7 \div 56 = n$ B. $7 \times 56 = n$
 C. $n \div 7 = 56$ D. $n \times 7 = 56$

Enrique covered the figure below using only shape R pieces.



What fraction of Enrique's figure is one shape R piece? Explain how you got your answer.

Jana gets a sticker for every 5 minutes she spends on her chores each day. She puts them on a picture graph as shown.

Jana's Chores

Day	Minutes of Chores
Monday	★ ★ ★ ★
Tuesday	★ ★ ★ ★ ★
Wednesday	★ ★ ★ ★
Thursday	★ ★ ★ ★ ★ ★
Friday	

KEY
★ = 5 minutes

Jana spends a total of 130 minutes doing chores during the week. How many stickers should Jana get on Friday?

Which of these figures has the same area as a rectangle that has a length of 6 inches and a width of 5 inches?

- A. 9 in. 3 in.
- B. 10 in. 3 in.
- C. 11 in. 3 in.
- D. 12 in. 3 in.

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MCAS Grade 3 - small group practice 3/28/2020

- | | |
|---|---|
| 1.
Answer:
Objective: MA 3.P.1
Points: 1 | 12.
Answer:
Objective: CC 3.OA.6
Points: 1 |
| 2.
Answer: 30 minutes
Objective: MA 3.M.5
Points: 1 | 13.
Answer:
Objective: CC 3.NF.3
Points: 1 |
| 3.
Answer: 3,5
Points: 1 | 14.
Answer: B
Objective: CC 3.NF.2
Points: 1 |
| 4.
Answer: 16
Objective: CC 3.OA.9
Points: 1 | 15.
Answer: 8
Points: 1 |
| 5.
Answer: Spot and Wags
Objective: MA 3.D.3
Points: 1 | 16.
Answer: B
Objective: CC 3.G.1
Points: 1 |
| 6.
Answer: 4 inches
Objective: MA 3.M.2
Points: 1 | 17.
Answer: D
Objective: CC 3.OA.6
Points: 1 |
| 7.
Answer: C
Objective: MA 3.N.2
Points: 1 | 18.
Answer:
Objective: MA 3.N.3
Points: 1 |
| 8.
Answer: 7
Objective: MA 3.D.3
Points: 1 | 19.
Answer:
Points: 1 |
| 9.
Answer: D
Objective: CC 3.OA.5
Points: 1 | 20.
Answer: B
Objective: CC 3.MD.7
Points: 1 |
| 10.
Answer:
Objective: CC 3.MD.8
Points: 1 | |
| 11.
Answer: [answers vary]
Objective: CC 3.NBT.1
Points: 1 | |