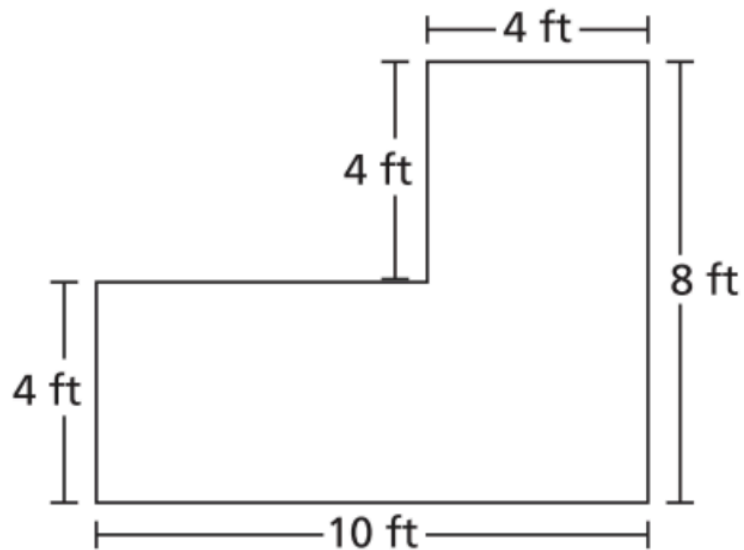


#1

A 160

The shape shown below was created by combining two rectangles.



What is the area, in square feet, of the shape?

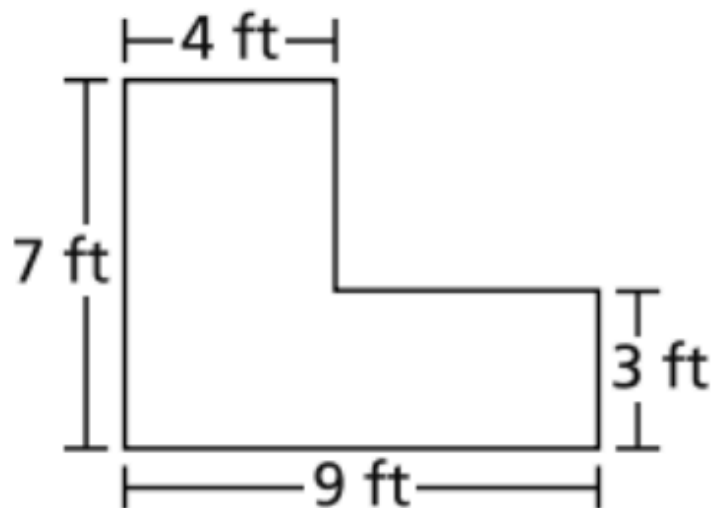
- A 36
- B 40
- C 56
- D 80

#8

C

56

The shape of Cindy's flower garden is shown below.



What is the area, in square feet, of Cindy's flower garden?

A 23

B 32

C 43

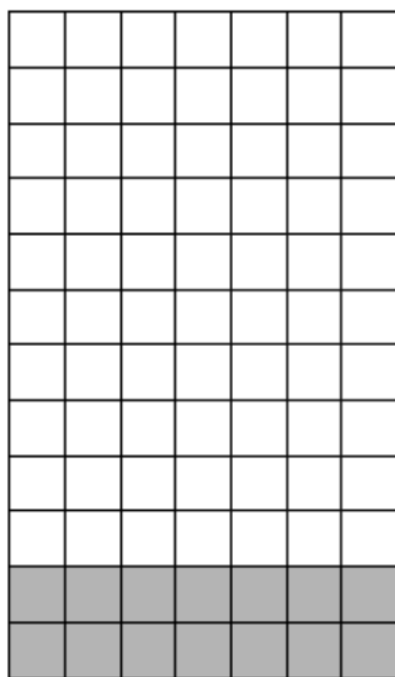
D 47

#7

C

43

The figure below represents a floor covered with white tiles and gray tiles.



KEY	
	= 1 square unit

Which expression could be used to find the area, in square units, of the entire floor?

A $(12 + 7) \times (12 + 7)$

C $(10 + 7) \times (2 + 7)$

B $(12 \times 7) + (12 \times 7)$

D $(10 \times 7) + (2 \times 7)$

6

D $(10 \times 7) + (2 \times 7)$

The shape below is shaded to represent a fraction.

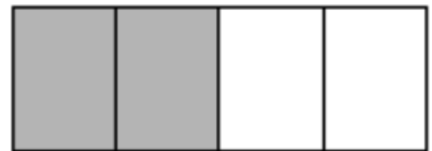


Which shape is shaded to represent a fraction equivalent to the shape shown above?

A



C



B



D



#5

c



Which two fractions are equivalent?

A $\frac{2}{3}$ and $\frac{3}{6}$

B $\frac{1}{4}$ and $\frac{4}{8}$

C $\frac{2}{4}$ and $\frac{3}{6}$

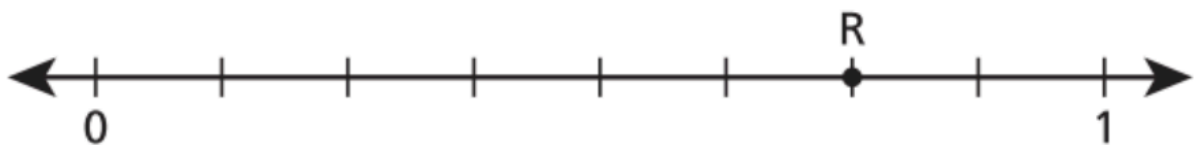
D $\frac{1}{2}$ and $\frac{2}{8}$

#4

C

$\frac{2}{4}$ and $\frac{3}{6}$

Point R is shown on the number line below.



Which two fractions are equivalent to the value represented by point R?

A $\frac{1}{4}$ and $\frac{2}{8}$

B $\frac{2}{4}$ and $\frac{6}{8}$

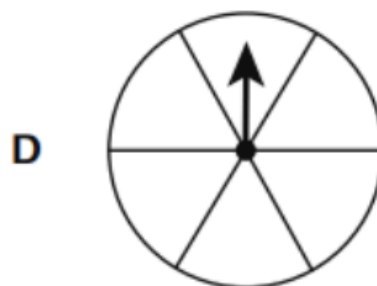
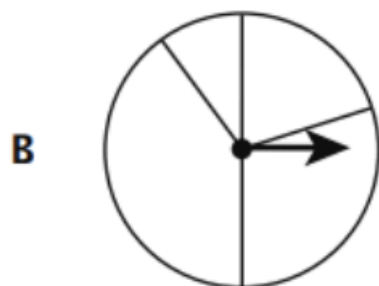
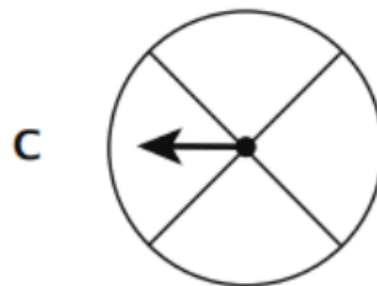
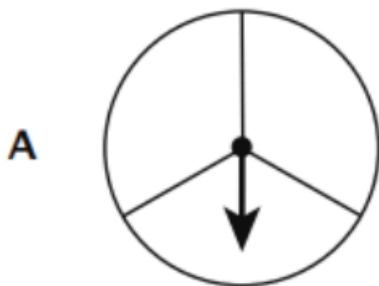
C $\frac{2}{4}$ and $\frac{4}{8}$

D $\frac{3}{4}$ and $\frac{6}{8}$

#3

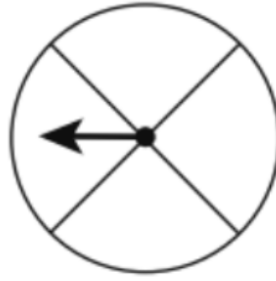
D $\frac{3}{4}$ and $\frac{6}{8}$

The Diaz family used a spinner to play a game. The spinner was in the shape of a circle. Each section of the spinner was $\frac{1}{4}$ of the whole circle. Which picture shows a spinner that the Diaz family used?



#2

C



Umi created the number pattern below by adding the same amount each time to get the next number.

20, 40, 60, 80, . . .

What will be the eighth number in the pattern?

- A 160
- B 240
- C 320
- D 640