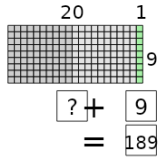




Represent problems with diagrams

1

Use the area model to find the missing value when multiplying 21 and 9



A 184

B 176

C 180

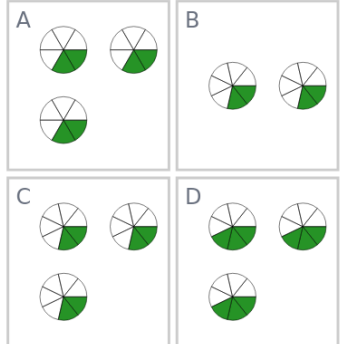
D 178

E 177

2

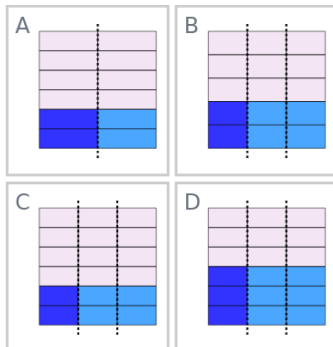
Which picture shows this fraction multiplication?

$$\frac{2}{7} \times 3$$

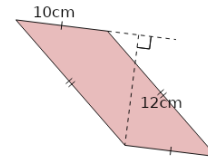
**3**

Which picture shows this fraction division?

$$\frac{2}{6} \div 3$$

**4**

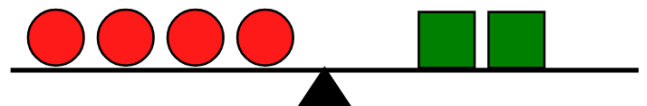
Find the area of the parallelogram

A 120cm^2 B 22cm^2 C 44cm^2 D 224cm^2 **5**

Which equation represents the solution to the bottom scale?

A $8c = s$ B $6c + t + s = s$ C $9c + t + s = s$ D $6c + t = s$ E $6c = s$ **6**

Which equations represent what these balance beams are showing

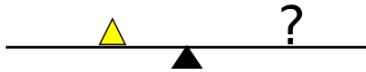
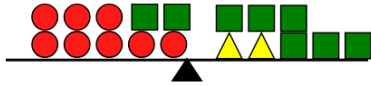
A $4c = 2s$ B $6c + s = 2s$ C $6c = 2s$



Represent problems with diagrams

7

Which equation represents the solution to the bottom scale?



A $t = c + s$

B $t = 3c$

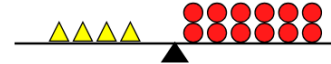
C $t = c + t + s$

D $t = 3c + t$

E $t = 3c + t + s$

8

Which equation and answer represents these balance beams and the bottom solution

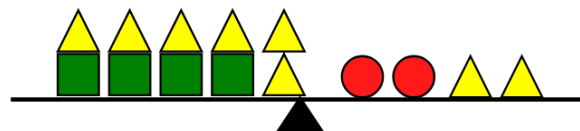


A $4t = 11c$
 $4c = 11s$
 $t = 11s$

B $4t = 12c$
 $4c = 12s$
 $t = 9s$

9

Which equations represent what these balance beams are showing



A $2s = 4t$
 $4s + 6t = 2c + 2t$

B $t = 5t$
 $4s + 3t = 2c + 5t$

C $2s = 5t$
 $4s + 3t = 2c + 2t$

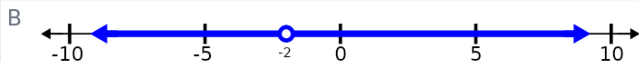
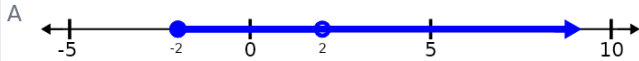


Represent problems with diagrams

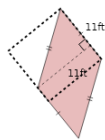
10

What number line shows the domain of this function?

$$f(x) = \frac{1x + 4}{-1x - 2}$$

**12**

What is the area equation for the equivalent rectangle?

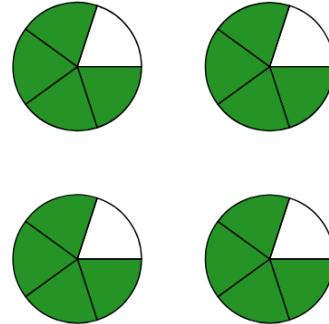


A 11×11

B 2×11

11

Find the multiplication equation that represents this picture



A

$$4 \cdot \frac{2}{5}$$

B

$$4 \cdot \frac{4}{6}$$

C

$$3 \times \frac{4}{5}$$

D

$$4 \times \frac{4}{5}$$