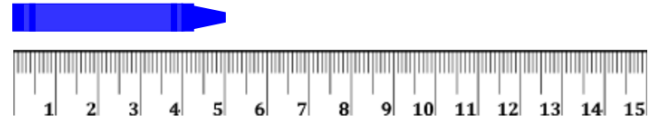


Check units in a solution

- 1** The width of a pencil

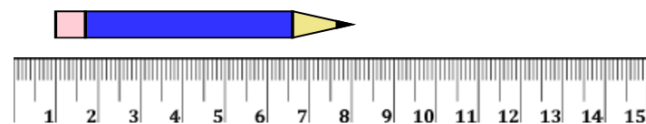
A	B
5 μm	5 mm

- 2** Measure the length of the crayon using the centimeter ruler



A 4.5 cm	B 5 cm	C 1 cm
D 7 cm	E 9 cm	F 5.5 cm

- 3** Measure the length of the pencil using the centimeter ruler

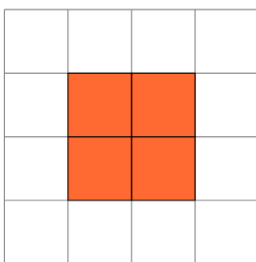


A 11 cm	B 6.5 cm	C 7 cm
D 5 cm	E 3 cm	F 10 cm

- 4** A group of 7 kids each have a bag containing 9 pieces of candy. Each candy weighs 9 grams. How many pieces of candy in total?

A 63	B 62	C 64
D 16	E 81	F 630

- 5** Which shape on the 1x1 grid has the largest area?



A	
B	

- 6** 2 koalas together eat 16 apples. They each eat the same number. How many apples does each koala eat?

A 900	B 800	C -16
D 14	E 8	F 600

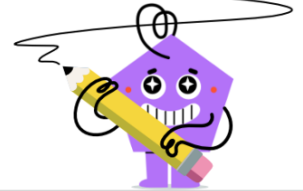
- 7** 1 km

A 1,000,000 m	B 1 m
C 100 m	D 10 m
E 1,000 m	F 10,000 m

- 8** An ant crawls 6 yards each second. What is its speed in feet per second?

$$6 \frac{\text{yrd}}{\text{s}} \text{ is } ? \frac{\text{ft}}{\text{s}}$$

A $6 \frac{\text{yrd}}{\text{s}} \cdot 3 \frac{\text{ft}}{\text{yrd}}$	B $6 \frac{\text{yrd}}{\text{s}} \cdot \frac{1 \text{ yrd}}{3 \text{ ft}}$
C $6 \frac{\text{yrd}}{\text{s}} \cdot 60 \frac{\text{s}}{\text{min}}$	



Check units in a solution

9

A caterpillar takes $\frac{6}{5}$ minutes to move a yard. How long, in seconds, does it take to move a foot?

$$\frac{6 \text{ min}}{5 \text{ yrd}} \text{ is } ? \frac{s}{ft}$$

A $\frac{6 \text{ min}}{5 \text{ yrd}} \cdot 3 \frac{ft}{\text{yrd}} \cdot \frac{1 \text{ min}}{60 s}$

B $\frac{6 \text{ min}}{5 \text{ yrd}} \cdot \frac{1 \text{ yrd}}{3 ft} \cdot \frac{1 \text{ min}}{60 s}$

C $\frac{6 \text{ min}}{5 \text{ yrd}} \cdot \frac{1 \text{ yrd}}{3 ft} \cdot 60 \frac{s}{\text{min}}$

10

A bird flies at $\frac{6}{3}$ feet per second. What is its speed in yards per minute?

$$\frac{6 ft}{3 s} \text{ is } ? \frac{\text{yrd}}{\text{min}}$$

A $\times 60 \frac{s}{\text{min}} \times \frac{1 \text{ min}}{60 s}$

B $\times \frac{1 \text{ yrd}}{3 ft} \times 60 \frac{s}{\text{min}}$

C $\times 3 \frac{ft}{\text{yrd}} \times \frac{1 \text{ min}}{60 s}$

11

unit price: 1.5 \$/kg total cost: 3 \$

A 3.5 kg

B 2 kg

C 2.25 kg

D 2.5 kg

12

total hours: 4.75 hrs wage: 2.42 \$/hr

A 11.5 \$

B 10.25 \$

C 12.5 \$

D 12 \$

13

Finish this unit rate conversion problem

$$4 \frac{s}{ft} \cdot 3 \frac{ft}{\text{yrd}}$$

A $\frac{4 ft}{3 ft}$

B $\frac{1 ft}{12 ft}$

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

D $\frac{12 ft}{8 ft}$

E $12 \frac{s}{\text{yrd}}$

14

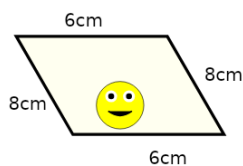
Bug A crawls at 0.71hm/hr for 7hr. Bug B crawls at 0.05km/hr for 6hr. Which goes further?

A Bug A

B Bug B

15

How long is the border around the outside of this painting?



A 24cm

B 28cm

C 18cm

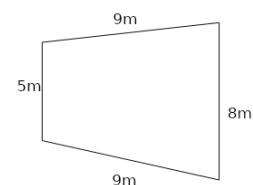
D 30cm

E 16cm

F 44cm

16

Find the perimeter of the trapezoid



A 16m

B 22m

C 34m

D 19m

E 31m

F 40m