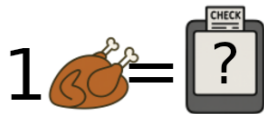




## Use unit rates to solve problems

**1**

Which equations represent what these meals cost



A  $8c = 8$   
 $c = ?$

B  $6c = 8$   
 $2c = ?$

C  $5c = 8$   
 $2c = ?$

D  $5c = 8$   
 $c = ?$

**4**

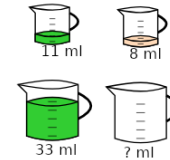
This smoothie needs 3 ml of peach for every 2 ml of lime. How much peach is needed if you have 2.5 ml of lime



- A 2 ml    B 3.75 ml    C 5.25 ml    D 2.75 ml

**2**

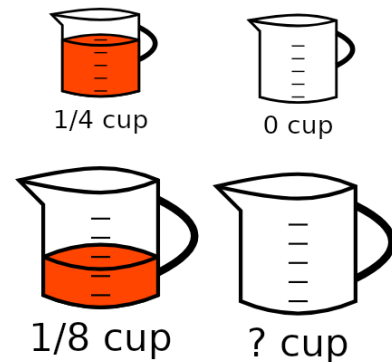
This smoothie needs 8 ml of peach for every 11 ml of lime. How much peach is needed if you have 33 ml of lime



- A 20 ml    B 26 ml    C 24 ml    D 19 ml

**3**

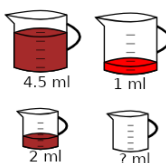
This sauce needs 0 cup of mustard for every  $\frac{1}{4}$  cup of ketchup. How many cups of mustard is needed if you have  $\frac{1}{8}$  cup of ketchup



- A 4cup  
B 2cup  
C 0cup

**5**

This sundae needs 1 ml of strawberry for every 4.5 ml of chocolate. How much strawberry is needed if you have 2 ml of chocolate



- A 0.06 ml    B 0.69 ml    C 0.44 ml    D 1.06 ml

**6**

total cost: 7 \$ total weight: 1.25 kg

- A 5.6 \$/kg    B 7.1 \$/kg  
C 5.1 \$/kg    D 3.85 \$/kg



## Use unit rates to solve problems

**7**

unit price: 4 \$/kg total cost: 8 \$

A

3 kg

B

0.5 kg

C

2.25 kg

D

2 kg

**8**

wage: 0.5 \$/hr total hours: 4 hrs

A

2.75 \$

B

0.75 \$

C

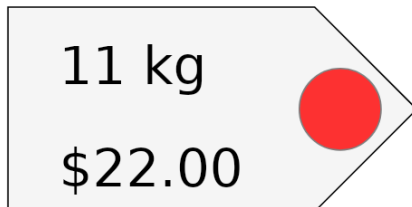
2 \$

D

0.5 \$

**9**

What is the price per kg of this item?



A

\$2.00/kg

B

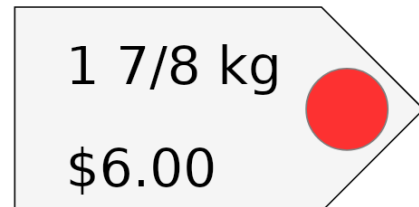
\$3.00/kg

C

\$1.00/kg

**10**

What is the price per kg of this item?



A

\$3.20/kg

B

\$3.45/kg

C

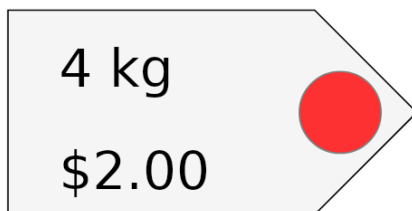
\$4.20/kg

D

\$2.95/kg

**11**

What is the price per kg of this item?



A

\$1.00/kg

B

\$0.50/kg

C

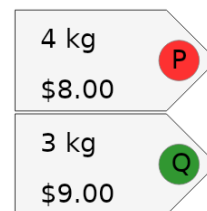
\$1.25/kg

D

\$1.50/kg

**12**

Which option has the lowest price per kg?



A

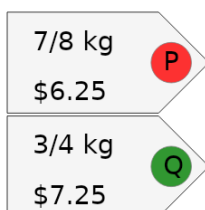
P

B

Q

**13**

Which option has the lowest price per kg?



A

Q

B

P

**14**

Bacteria A moves at 0.33cm/hr for 6hr. Bacteria B moves at 1cm/hr for 4hr. Which goes further?

A

Bacteria B

B

Bacteria A