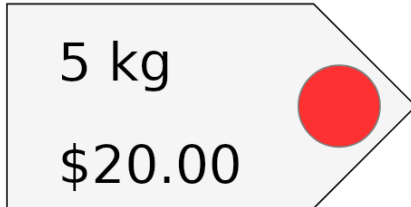




Compare situations using unit rates

1

What is the price per kg of this item?



- A \$2.00/kg B \$4.00/kg C \$3.00/kg D \$5.00/kg

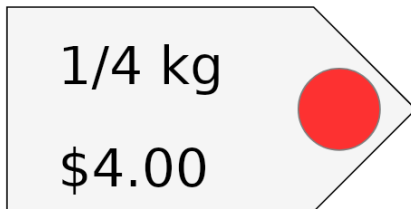
2

total earnings: 20 \$ total hours: 14 hrs

- | | |
|-----------------|-----------------|
| A
0.93 \$/hr | B
0.43 \$/hr |
| C
1.43 \$/hr | D
1.18 \$/hr |

3

What is the price per kg of this item?



- A \$16.75/kg B \$16.00/kg C \$15.75/kg D \$17.25/kg

4A beetle crawls $\frac{2}{8}$ feet each second. How many yards does it crawl each second?

$$\frac{2 \text{ ft}}{8 \text{ s}} \text{ is } ? \frac{\text{ yrd}}{\text{ s}}$$

- | | |
|--|--|
| A
$\frac{2 \text{ ft}}{8 \text{ s}} \cdot 60 \frac{\text{ s}}{\text{ min}}$ | B
$\frac{2 \text{ ft}}{8 \text{ s}} \cdot 3 \frac{\text{ ft}}{\text{ yrd}}$ |
| C
$\frac{2 \text{ ft}}{8 \text{ s}} \cdot \frac{1 \text{ yrd}}{3 \text{ ft}}$ | |

5

An ant takes 6 seconds to crawl a yard. How long, in seconds, does it take to crawl a foot?

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

- | | | |
|--|---|--|
| A
$\frac{18 \text{ s}}{6 \text{ ft}}$ | B
$\frac{3 \text{ s}}{6 \text{ ft}}$ | C
$\frac{6 \text{ s}}{3 \text{ ft}}$ |
| D
$\frac{3 \text{ s}}{12 \text{ ft}}$ | E
$18 \frac{\text{ s}}{\text{ ft}}$ | F
$\frac{1 \text{ s}}{18 \text{ ft}}$ |

6

An eagle dives at 5 yards per second. What is its dive speed in feet per minute?

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

- | | |
|---|---|
| A
$903 \frac{\text{ ft}}{\text{ min}}$ | B
$\frac{5 \text{ ft}}{180 \text{ min}}$ |
| C
$\frac{180 \text{ ft}}{5 \text{ min}}$ | D
$900 \frac{\text{ ft}}{\text{ min}}$ |

7

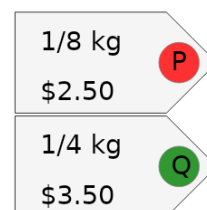
A bird flies at 5 feet per second. What is its speed in yards per minute?

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

- | | | |
|--|--|--|
| A
$\frac{300 \text{ yrd}}{3 \text{ min}}$ | B
$\frac{15 \text{ yrd}}{60 \text{ min}}$ | C
$\frac{18 \text{ yrd}}{60 \text{ min}}$ |
| D
$\frac{60 \text{ yrd}}{15 \text{ min}}$ | E
$\frac{3 \text{ yrd}}{300 \text{ min}}$ | F
$\frac{19 \text{ yrd}}{60 \text{ min}}$ |

8

Which option has the lowest price per kg?



- A Q B P



Compare situations using unit rates

9

Which option has the lowest price per kg?

1.75 kg

\$6.50

P

2.75 kg

\$5.50

Q

A Q

B P

10

Car A drives 2km in 4min. Car B drives 5km in 0.1hr. Which is faster?

A

Car A

B

Car B

11

Which option has the lowest price per kg?

3 kg

\$9.00

P

2 kg

\$8.00

Q

A Q

B P

12

Horse A trots 30km in 7hr. Horse B trots 3,000dam in 4hr. Which is faster?

A

Horse A

B

Horse B

13

Bug A crawls 2dam in 5min. Bug B crawls 0.04km in 0.12hr. Which is faster?

A

Bug B

B

Bug A