

6.2

Determining the Best Buy

Try These

i) $\$52 \div 5 = \$$ 10.40

ii) $\$6.25 \div 12 = \$$ 0.52

iii) $\$468 \div 18 = \$$ 26.00

iv) $\$899 \div 4 = \$$ 224.75

Indie is an interior designer. She is choosing fabric for curtains for her client's living room.

- Linen at \$38.25 for 3 yards
- Cotton at \$60.00 for 8 yards

} \$ / yd

Which fabric has the lower unit price?

- 1 What is the price per yard for each fabric?

Linen: $\$38.25 \div 3 \text{ yards} = \12.75 per yard

Cotton: $\$60 \div 8 \text{ yards} = \7.50 per yard

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Which fabric has the lower unit price?

- 2 Which fabric has the lower unit price? cotton

- 3 What other factors might Indie consider when buying fabric?

quality.....
better look, easier to get

$$60 \text{ min} = 1 \text{ hour}$$

Example

Osmani is a tour operator. He offers two types of tours of Banff.

- Deluxe Tour offers 90 min of sightseeing for \$36.
- Supreme Tour offers 4 h of sightseeing for \$84.

Which tour offers a better price per hour?

Solution

$$90/60$$

A. Deluxe Tour unit price: 90 min = 1.5 h

$$\$36 \div \underline{1.5} \text{ h} = \$ \underline{24} / \text{h}$$

$$\text{Supreme Tour unit price: } \$84 \div \underline{4} \text{ h} = \$ \underline{21} / \text{h}$$

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B. Which tour offers the better price per hour?

Supreme tour !!
😊

Three grocery stores have peppers on sale as listed below

$$2.2 \text{ lb} = 1 \text{ kg}$$

Thriftys

\$ 1.99 / lb

$$1.99 \times 2.2$$

~~Save on Foods~~

\$ 3.79 / kg

Fairways

\$ 0.39 / 100g

$$3.90 / \text{kg}$$

Which store is cheapest?

\$ 4.40 / kg