PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

I Do

Mark manages a sports shop.

In October, he sold 600 pairs of running shoes.

In November, he sold 432 pairs of running shoes.

Work out the percentage decrease in the number of pairs of running shoes sold from October to November.

Answer = ... %

PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

We Do

Katie manages a book shop.

In June, she sold 500 books.

In July, she sold 380 books.

Work out the percentage decrease in the number of books sold from June to July.

Answer = ... %

PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

You Do 1

Tom manages a cycle store.

In April, he sold 400 bikes.

In May, he sold 312 bikes.

Work out the percentage decrease in the number of bikes sold from April to May.

Answer = ... %

PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

You Do 2

Emily manages a clothing store.

In January, she sold 800 jackets.

In February, she sold 560 jackets.

Work out the percentage decrease in the number of jackets sold from January to February.

Answer = ... %

PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

Challenge 1

Anna manages an electronics shop.

In August, she sold 1250 tablets.

In September, she sold 950 tablets.

Work out the percentage decrease in the number of tablets sold from August to September.

Answer = ... %

PERCENTAGES: PERCENTAGE DECREASE

Best Guess Mastery Worksheet (Target Grade 4/5)

Challenge 2

Mark and Sophie run a farm shop.

In autumn, they sold 1500 boxes of fruit.

In winter, sales dropped to 1110 boxes of fruit.

Work out the percentage decrease in the number of boxes of fruit sold from autumn to winter.

Answer = ... %

Answers & Worked Solutions

I Do:

Difference = 600 − 432 = 168.
Percentage decrease = (168 ÷ 600) × 100 = **28%**

We Do:

Difference = 500 − 380 = 120.
Percentage decrease = (120 ÷ 500) × 100 = **24%**

You Do 1:

Difference = 400 − 312 = 88.
Percentage decrease = (88 ÷ 400) × 100 = **22%**

You Do 2:

Difference = 800 − 560 = 240.
Percentage decrease = (240 ÷ 800) × 100 = **30%**

Challenge 1:

Difference = 1250 − 950 = 300.
Percentage decrease = (300 ÷ 1250) × 100 = **24%**

Challenge 2:

Difference = 1500 − 1110 = 390.
Percentage decrease = (390 ÷ 1500) × 100 = **26%**