

Name: _____

Date: _____

Percentage Power: Consolidation Activity

1. The Golden Rules



Complete the table by writing the simple rule for finding each percentage. The first one has been done for you.

Percentage	Rule (How to find it)
50%	Divide by 2
25%	
10%	
1%	

2. Quick Calculations

Use your rules to fill in the grid. Work out 50%, 25%, 10%, and 1% for each starting amount.

Starting Amount	50%	25%	10%	1%
£400				
80cm				
1200g				

3. Real World Shopping Spree! 🛒



1. A cool hoodie usually costs £40. A sign in the window says '50% OFF TODAY!'. How much money will you save?

2. A mountain bike usually costs £200. It is on sale for 25% off. Work out the discount (how much money is taken off the price).



4. The Bonus Challenge 🚀



If you know how to find **10%**, you can find other percentages easily!

For example: If 10% of 60 is **6**, you can find 20% by doubling it ($6 \times 2 = \mathbf{12}$).

3. Find 10% of 230cm. Then use your answer to find 20% of 230cm. Show your working out.

4. Calculate 10% of 32 cupcakes. Then use your answer to find 30% of 32 cupcakes.

Answer Key

1. The Golden Rules

25%: Divide by 4 (or halve 50%)

10%: Divide by 10

1%: Divide by 100

2. Quick Calculations

Row 1: £200 | £100 | £40 | £4

Row 2: 40cm | 20cm | 8cm | 0.8cm

Row 3: 600g | 300g | 120g | 12g

3. Real World Shopping Spree!

Answer:

$£40 \div 2 = £20$. You will save £20.

Answer:

$£200 \div 4 = £50$. The discount is £50.

4. The Bonus Challenge

Answer:

10% of 230 = 23cm. 20% is double this: $23 \times 2 = 46$ cm.

Answer:

10% of 32 = 3.2 cupcakes. 30% is three times this: $3.2 \times 3 = 9.6$ cupcakes.