

Math

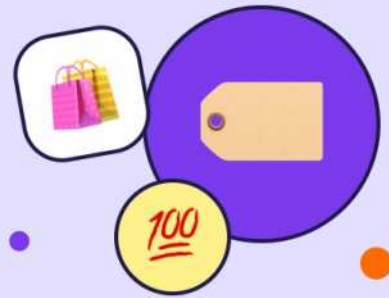
Grade 7

Sale season

Work out discounts and percentages in a shop sale.



I can find percentages of amounts and convert between fractions, decimals and percentages.



1

**Complete the table**

Fill in the empty boxes.

Fraction	Decimal	Percentage
$\frac{1}{2}$		
	0.25	
		30%
		75%

2

**Fill the gaps**

Write the missing answer.

1. 10% of 60 = _____

2. 50% of 90 = _____

3. 25% of 200 = _____

4. 75% of 40 = _____

5. 5% of 120 = _____

3 Pick the answer

Circle the right answer.

1. A jacket costs 80. It is 25% off. What is the new price?

A 60

B 55

C 20

2. 20 out of 50 pupils walk to school. What percentage is that?

A 20%

B 40%

C 30%

3. Which is the biggest?

A 65%

B $\frac{3}{5}$

C 0.7

4 Percentage drill

Write the missing answer.

1. 20% of 150 = _____

2. 1% of 700 = _____

3. 15% of 80 = _____

4. 40% of 35 = _____

5. 120% of 50 = _____

6. _____ % of 200 = 50

7. 18 is _____ % of 60

5 Sale prices

Fill in the empty boxes.

Price	Discount	Saving	Sale price
120	25%		
60	10%		

250

20%

80

20

6

**Compare**

Write $>$, $<$ or $=$ in each circle.

25% of 60



20% of 80

50% of 46



23

 $\frac{3}{5}$ 

55%

0.04



40%

7

**True or false**

Circle true or false.

- 10% of 90 is 9.
- 50% is the same as $\frac{1}{5}$.
- A 100% discount means the item is free.
- 30% off a price of 200 gives a sale price of 170.
- $0.07 = 7\%$

True

False

True

False

True

False

True

False

True

False

8

**Think and write**

Shop A takes 30% off a 50 game. Shop B takes 12 off. Which is the better deal? Explain.

How did it go?



Made with GradeAid

Math

Grade 7

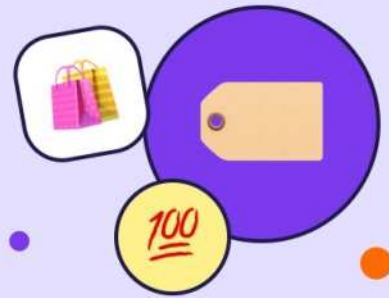
Answer key

Sale season

Work out discounts and percentages in a shop sale.



I can find percentages of amounts and convert between fractions, decimals and percentages.



1

100

Complete the table

Fill in the empty boxes.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{4}$	0.25	25%
$\frac{3}{10}$	0.3	30%
$\frac{3}{4}$	0.75	75%

2



Fill the gaps

Write the missing answer.

1. 10% of 60 = 6

2. 50% of 90 = 45

3. 25% of 200 = 50

4. 75% of 40 = 30

5. 5% of 120 = 6

3 Pick the answer

Circle the right answer.

1. A jacket costs 80. It is 25% off. What is the new price?

A 60

B 55

C 20

2. 20 out of 50 pupils walk to school. What percentage is that?

A 20%

B 40%

C 30%

3. Which is the biggest?

A 65%

B $\frac{3}{5}$

C 0.7

4 Percentage drill

Write the missing answer.

1. 20% of 150 = 30

2. 1% of 700 = 7

3. 15% of 80 = 12

4. 40% of 35 = 14

5. 120% of 50 = 60

6. 25 % of 200 = 50

7. 18 is 30 % of 60

5 Sale prices

Fill in the empty boxes.

Price	Discount	Saving	Sale price
120	25%	30	90
60	10%	6	54

250	20%	50	200
80	25%	20	60

6 Compare

Write $>$, $<$ or $=$ in each circle.

25% of 60



20% of 80

50% of 46



23

$\frac{3}{5}$



55%

0.04



40%

7 True or false

Circle true or false.

- 10% of 90 is 9.
- 50% is the same as $\frac{1}{5}$.
- A 100% discount means the item is free.
- 30% off a price of 200 gives a sale price of 170.
- $0.07 = 7\%$

True

False

True

False

True

False

True

False

True

False

8 Think and write

Shop A takes 30% off a 50 game. Shop B takes 12 off. Which is the better deal? Explain.

How did it go?



Made with 