

Percentage Increase and Decrease

1a. Increase the following numbers by 10%.

A) 120

B) 80

C) 150



VF

Percentage Increase and Decrease

1b. Decrease the following numbers by 75%.

A) 200

B) 160

C) 80



VF

2a. Mo is reducing the prices of items in his shop by 50%.

Calculate the new prices.



£22.50



£18



£12.50



VF

2b. Ellie is reducing the prices of items in her shop by 25%.

Calculate the new prices.



£20



£8



£24



VF

3a. Isaac scored 30 in his karate test.

He made himself a target of scoring 50% more in his next test.

What does his score need to be to hit his target?



VF

3b. Grace scored 20 in her dance exam.

She made herself a target of scoring 75% more in her next test.

What does her score need to be to hit her target?



VF

4a. True or false?

A 10% decrease in price from £20 means there is £2 off.



VF

4b. True or false?

A 25% increase in price from £80 means the new price is £60.



VF

Percentage Increase and Decrease

5a. Increase the following numbers by 15%.

A) 500

B) 160

C) 220



VF

Percentage Increase and Decrease

5b. Decrease the following numbers by 30%.

A) 150

B) 330

C) 560



VF

6a. Jaxon is reducing the prices of items in his shop by 30%.

Calculate the new prices.



£12.50



£15



£9.50



VF

6b. Ellie is reducing the prices of items in her shop by 15%.

Calculate the new prices.



£22



£9.20



£15



VF

7a. Isabel scored 40 in her maths test.

She made herself a target of scoring 20% more in her next test.

What does her score need to be to hit her target?



VF

7b. Jacob scored 50 in his English test.

He made himself a target of scoring 15% more in his next test.

What does his score need to be to hit his target?



VF

8a. True or false?

A 45% decrease in price from £50 means there is £22.50 off.



VF

8b. True or false?

A 35% increase in price from £30 means the new price is £40.50.



VF

Percentage Increase and Decrease

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9a. Increase the following numbers by 38%.

A) 28

B) 42

C) 95



VF

9b. Decrease the following numbers by 72%.

A) 145

B) 196

C) 68



VF

10a. Tye is reducing the prices of items in his shop by 12%.

Calculate the new prices.



£9.50



£11.50



£19.50



VF

10b. Ivy is reducing the prices of items in her shop by 8%.

Calculate the new prices.



£21.50



£9.50



£8.50



VF

11a. Pippa scored 52 in her flute exam.

She made herself a target of scoring 18% more in her next exam.

What does her score need to be to hit her target?



VF

11b. Eesa scored 45 in his piano exam.

He made himself a target of scoring 22% more in his next exam.

What does his score need to be to hit his target?



VF

12a. True or false?

A 26% decrease in price from £35 means there is £9.10 off.



VF

12b. True or false?

An 18% increase in price from £30 means the new price is £36.50.



VF