

Increase and decrease an amount by a percentage.



Increase and decrease an amount by a percentage.

1. Work out the following.

- a) Increase 50 by 20%
- b) Increase 50 by 75%
- c) Decrease 30 by 15%
- d) Increase 145 by 7%
- e) Decrease 100 by 25%
- f) Decrease 12 by 10.5%
- g) Increase 8000 by 8.2%

2. Ruby gets a 15% pay rise at work. She currently earns £110 per day. How much will she earn after the pay rise?

3. Joe wants to buy a TV. Shop A is selling the TV for £350 with 25% off. Shop B is selling the TV for £320 with 20% off. Which shop is selling the TV for a cheaper price?



Answers



Increase and decrease an amount by a percentage.

1. Work out the following.

a) Increase 50 by 20%

b) Increase 50 by 75% **60**
87.5

c) Decrease 30 by 15% **25.5**

d) Increase 145 by 7% **155.15**

e) Decrease 100 by 25% **75**

f) Decrease 12 by 10.5% **10.74**

g) Increase 8000 by 8.2% **8656**

2. Ruby gets a 15% pay rise at work.

She currently earns £110 per day.

How much will she earn after the pay rise? **£126.50 per day**

3. Joe wants to buy a TV.

Shop A is selling the TV for £350 with 25% off.

Shop B is selling the TV for £320 with 20% off.

Which shop is selling the TV for a cheaper price? **Shop A (£262.50) shop B (£256)**
Shop B is cheaper

