

Percentages of Amounts - Multiplier

ROK – Retention of Knowledge

Find the following simple percentages.

	50%	25%	10%	5%	1%
£34					
£25					
£573					

Hurricane Rita happened in 2005 and mixed up all the words. Can you unscramble the words.



isare
cetenrepag
ceranise
pilumter
reacesed

Literacy

Memory

Remember how to make your multiplier.

Increase by 15%

$$100\% + 15\% = 115\%$$

$$115 \div 100 = \mathbf{1.15}$$

Decrease by 15%

$$100\% - 15\% = 85\%$$

$$85 \div 100 = \mathbf{0.85}$$



Skill 1

Match the Percentage Change with the correct Multiplier. Watch out for the red herrings!



Percentage Changes (Blue boxes):

- 12% Increase
- 24% Decrease
- 34% Raise
- 18% Depreciation
- 7% Reduction
- 3% Inflation

Multipliers (Pink boxes):

- 0.93
- 0.82
- 1.18
- 0.97
- 1.34
- 1.03
- 0.24
- 0.12
- 0.66
- 0.76
- 1.12
- 0.70

www.missbsresources.com

Skill 2

Find these percentages of amounts using the multiplier method. Clearly show all working out.

- Increase 300 by 5% =
- Decrease 640 by 25% =
- Decrease £240 by 4% =
- Increase £1.40 by 7% =
- Decrease 975 by 36% =
- Increase £41 by 7.5% =
- Increase £60 by 12% =
- Decrease 80 by 19% =
- Decrease 280ml by 17.5% =
- Increase £420 by 28% =

Maths Equipment is on sale!!! Complete the sales tickets

Stretch

Price

16% off Calculator
Was: £6.50
Now: _____

27% off Protractor
Was: £1.15
Now: _____

3% off Ruler
Was: £0.20
Now: _____

15% off Pen
Was: _____
Now: £1.62

26% off Pi T-Shirt
Was: _____
Now: £33.30