

Percentages, mostly

£20	80 Days	360°
Find...	Find...	Find...
50% = 1% =	50% = 2.5% =	50% = $\frac{1}{4}$ =
25% = 2% =	25% = 17.5% =	25% = $\frac{1}{8}$ =
10% = 2.5% =	10% = 70% =	10% = $\frac{1}{3}$ =
5% = 17% =	5% = 97.5% =	5% = $\frac{1}{6}$ =
20% = 70% =	20% = 200% =	20% = $\frac{1}{36}$ =
35% = 97% =	35% = 150% =	35% = $\frac{3}{4}$ =

- a) Increase £20 by 40%.
- b) Decrease £20 by 30%.
- c) Increase £20 by 4%.
- d) Decrease £20 by 90%.
- e) Decrease £20 by 100%.
- f) Increase £20 by 200%.

- g) Which is more?... 20% of 80 or 80% of 20?
- h) Which is more?... 20% of 360 or $\frac{1}{5}$ of 360?

Percentages, mostly - answers

£20	80 Days	360°
Find...	Find...	Find...
50% = £10 1% = £0.20	50% = 40 days 2.5% = 2 days	50% = 180° $\frac{1}{4} = 90^\circ$
25% = £5 2% = £0.40	25% = 20 days 17.5% = 14 days	25% = 90° $\frac{1}{8} = 45^\circ$
10% = £2 2.5% = £0.50	10% = 8 days 70% = 56 days	10% = 36° $\frac{1}{3} = 120^\circ$
5% = £1 17% = £3.40	5% = 4 days 97.5% = 78 days	5% = 18° $\frac{1}{6} = 60^\circ$
20% = £4 70% = £14	20% = 16 days 200% = 160 days	20% = 72° $\frac{1}{36} = 10^\circ$
35% = £7 97% = £19.40	35% = 28 days 150% = 120 days	35% = 126° $\frac{3}{4} = 270^\circ$

- a) Increase £20 by 40%. **£28**
- b) Decrease £20 by 30%. **£14**
- c) Increase £20 by 4%. **£20.80**
- d) Decrease £20 by 90%. **£2**
- e) Decrease £20 by 100%. **£0, zip, nada, nowt**
- f) Increase £20 by 200%. **£60**
- g) Which is more?... 20% of 80 or 80% of 20? **They're the same!**
- h) Which is more?... 20% of 360 or $\frac{1}{5}$ of 360? **They're the same!**

