

## Percentages of Amounts (Calculator)

Convert these percentages to decimals:

- (a) 59%                      (b) 83%  
(c) 17%                      (d) 40%  
(e) 6%                        (f) 3%  
(g) 22.5%                    (h) 7.5%

- (a) 0.59                      (b) 0.83  
(c) 0.17                      (d) 0.4  
(e) 0.06                      (f) 0.03  
(g) 0.225                    (h) 0.075

Decide whether each of these statements is true or false:

- (a) Finding 36% of 75 is the same as calculating  $0.36 \times 75$   
(b) Finding 8% of 45 is the same as calculating  $0.8 \times 45$   
(c) Finding 91% of 60 is the same as calculating  $60 \times 0.91$

- (a) True  
(b) False  
(c) True

Use your calculator to find:

- (a) 85% of 120                      (b) 22% of 250  
(c) 47% of 60                        (d) 59% of 320  
(e) 16% of 3450                      (f) 31% of 20  
(g) 3% of 6225                      (h) 8% of 43

- (a) 102                      (b) 55  
(c) 28.2                      (d) 188.8  
(e) 552                      (f) 6.2  
(g) 186.75                      (h) 3.44

Use your calculator to find:

- (a) 12.5% of 80                      (b) 72.5% of 55  
(c) 57.5% of 272                      (d) 4.5% of 62  
(e) 33.6% of 395                      (f) 7.1% of 30

- (a) 10                      (b) 39.875  
(c) 156.4                      (d) 2.79  
(e) 132.72                      (f) 2.13

(a) A car costs £13650. To buy the car, Qasim needs to pay a deposit of 15%. How much is the deposit?

(b) Florence earned \$42600 last year. She has to pay 27.5% tax on everything she earns. How much tax must she pay?

(c) A theatre contains 400 people. 62.5% of these people are adults and the rest are children. 34% of the adults and 14% of the children are wearing glasses. How many people in the theatre are wearing glasses?

- (a) £ 2047.50  
(b) \$11715  
(c) 85 adults  
+ 21 children  
= 106 people