1. The formula for converting kilometres (k) to miles (m) is
$$k = m \times \frac{8}{5}$$
. Convert the following mileages to kilometres:

- a) 5 miles 8km b) 12 miles 19.2km c) 20 miles 32km d) 55 miles 88km e) 62.5 miles 100km
- 2. The area of a rectangle is expressed by this formula A = ab Complete the table:

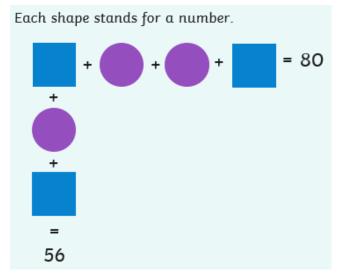
a (cm)	b (cm)	A (cm2)		
4	6	24		
8	4	32		
12	3	36		
9	5	45		
6	15	90		

3. In each of these formulae, calculate the value of y when x = 6 and of x

Formula	X=6	У=6
Y = x + 2	y = 8	X = 4
y = 2x - 4	Y = 8	X = 5
y = 3x + 3	Y = 21	X = 1
2y = x + 8	y = 7	X = 4

when y = 6

4. Which number do the 2 shapes represent?



circle = 24 square = 16

Challenge: create a puzzle for your family to solve.