

# Master Maths 8 Worksheet 4

## Whole Numbers - Mixed Problems

# 4

**Name:** \_\_\_\_\_

1. How many days are in 31 weeks?

2. How many seconds are in half an hour?

3. How many cakes, each costing 80 cents, could you buy with \$12?

4. Complete these patterns.

(a) 5, 5, 10, 30, 120, ,

(b) 2, 4, 8, , , 32

5. Perform these calculations with the help of a calculator.

(a)  $7834 \times 287$

(b)  $356 \times \text{[ ]} = 77\,252$

(c)  $78\,293 + 3789 - 39\,278$

(d) 
$$\frac{(783 + 589) \times 2632}{605 - 549}$$

(e) How many seconds are in  $2\frac{1}{2}$  days?

(f) If an elephant eats 45 kg of food per day, how much will it eat in a non-leap year?

1		2			3	4		5
6	7		8		9		10	
			11					
	12	13			14	15		
16								17
18	19		20		21		22	
			23					
24						25		

**Across**

1.  $789 + 1569$
3.  $3584 - 1855$
6.  $8^2$
10.  $2^4 + 2^2$
11.  $26 \times 5$
12.  $4^2 \times 6^2$
14.  $(13 - 2)^2$
18. Eight thousand six hundred and two
21. This number is a palindrome
23. Twice one more than two hundred
24. A quarter of one thousand
25.  $9 \times 100$

**Down**

1.  $2^8$
2.  $\frac{1}{2}$  of 106
4.  $2 \times 2 \times 2 \times 3 \times 3$
5.  $3^2 \times 10^2$
7.  $325 + 58 + 9 + 13$
8.  $54 \times 4$
9.  $\sqrt{10\,000} + 1$
10. 39 less than 24 across
13.  $7\frac{1}{2} \times 100$
15.  $2 \times 10^2 + 5^2$
16.  $(11 - 2) \times 8 \div 4$
17.  $17 \times 3$
19. The difference between 803 & 188
20. Two dozen
21.  $\sqrt{144}$
22.  $5^4 - 5^3$