

# NUMBER 4

MARK

# 4

1. Complete the following multiplication tables.

×	5	2	6	9	3	7	10	4	8
10									
3									
6									
4									
5									
7									
8									
2									
9									

×									
	10		15		20		35		30
		48		30		60		54	
	6		9		12		21		18
		32		20		40		36	
	20		30		40		70		60
		64		40		80		72	
	14		21		28		49		42
		16		10		20		18	
	18		27		36		63		54

2. Complete the following calculations.

(a) 
$$\begin{array}{r} 637 \\ \times 8 \\ \hline \end{array}$$

(b) 
$$6 \overline{)2922}$$

3. Complete the following calculations.

(a) 
$$\begin{array}{r} 8215 \\ \times 34 \\ \hline \end{array}$$

(b) 
$$4 \overline{)27276}$$

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(c) 
$$9 \overline{)50472}$$

4. Find A and B.

A =      B =

$$\begin{array}{r} 123 \\ \times A \\ \hline AB2 \end{array}$$

5. Find the following numbers.

(a) The product of these two numbers is 15.

(b) The product of these two numbers is 48.    
Their sum is 14.

(c) The product of these two numbers is 72.    
The difference between them is 1.

6. (a) List the first four prime numbers.

(b) Find the sum of the first six prime numbers.

(c) Find the largest two digit prime number.

7. (a) How many days are in eight weeks?

(b) How many eggs are in three dozen?

8. Jay owned a number of chooks. Each chook laid one egg every day. In one week Jay collected 14 dozen eggs.

How many chooks did Jay own?

9. Mitchell offered to clean his neighbour's car one day each week for the eight weeks of his school holidays.

His neighbour, Mr. Wilson, said he would pay Mitchell \$6 each time he cleaned the car.

(a) How much would Mitchell earn for the eight weeks?

Mitchell said to Mr. Wilson he would clean the car for 20 cents in the first week if he could have his pay doubled each week.

(20 cents in week 1, 40 cents in week 2, 80 cents in week 3, etc).

(b) How much would Mitchell get paid for the eight weeks if he was paid this way?

10. Complete this puzzle.

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.		

### Clues

#### Across

1.  $87 \times 3$
3.  $2 \times 2 \times 2 \times 7 \times 9$
5. Eight thousand, one hundred and twenty-six
8.  $9 \times 9$
10. Days in nine weeks
11. One dozen
12.  $(10 - 8) \times (29 + 8)$
14. Half of 68
15.  $90 \div 3$
16.  $100 - 13$
17.  $2 \times 2 \times 2 \times 2 \times 2 \times 2$
18. Two less than one hundred
20.  $2 \times 31$
22.  $76 \times 88$
24.  $880 \div 8$
25.  $4830 \div 5$

#### Down

1.  $62 \times 4$
2.  $3 \times 6$
3. The product of eight and seven
4.  $884 \div 2$
6. Two more than half of 28
7.  $207 \div 9$
9.  $289 \times 6$
11.  $41 \times 3 \times 3 \times 2 \times 2$
13.  $4000 \div 100$
14. The sum of 9 and 29
17.  $47 \times 13$
18.  $24 \times 4$
19.  $440 \div 5$
21.  $143 \times 2$
22. Five dozen
23. The difference between 176 and 87

11. Place the numbers 1, 2, 3, 4, 5, 6 and 7 into the spaces below to make the equation correct.

$$(\_ + \_) \times (\_ + \_) \div (\_ + \_) = \_$$