

NUMBER 4

MARK

4

1. Complete the following multiplication tables.

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

×				7			
	6	18	21	9	12		
	30	60	48	54			
	16	48	56	24	32		
	10	20	16	18			
	20	60	70	30	40		
7	35	70	56	63			
	8	24	28	12	16		
	45	90	72	81			
	10	30	35	15	20		

2. Complete the following calculations.

(a)
$$\begin{array}{r} 324 \\ \times 2 \\ \hline \end{array}$$

(b)

$$3 \overline{) 9360}$$

3. Complete the following calculations.

(a)
$$\begin{array}{r} 967 \\ \times 4 \\ \hline \end{array}$$

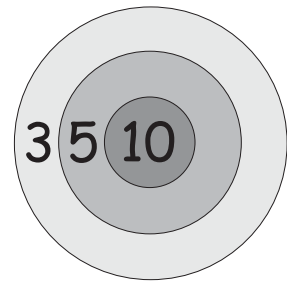
(b)

$$6 \overline{) 3468}$$

4. Five darts are thrown at the dartboard shown here.

(Assume all darts hit the board)

The total score is equal to the score of the five darts added.



(a) What is the largest total score that could be made?

(b) What is the smallest total score that could be made?

(c) How could the following total scores be made?

Example $28 = 3 + 5 + 5 + 5 + 10$

(i) 17

(ii) 19

(iii) 33

(iv) 35

(v) 36

5. In Australian rules football a **goal** is worth **six** points and a **behind** is worth **one** point.

Example

A team scores 10.8

This means 10 goals and 8 behinds

$$\begin{aligned} \text{Its total score} &= 10 \times 6 + 8 \times 1 \\ &= \mathbf{68 \text{ points}} \end{aligned}$$

(a) Find the total score for the following goals and behinds.

(i) 9.4

(ii) 15.10

(b) The scores by the Cats and Magpies in a game were:

Cats 20.12 Magpies 10.10

How many more points than the Magpies did the Cats score?

(c) The Saints had a total score of 70 points.

If they scored 4 behinds, how many goals did they score?

6. Meredith runs a riding school and owns 24 horses.

(a) She wants to buy horseshoes for all of the horses.

How many horseshoes will she need to buy?

(b) Meredith could only buy 76 horseshoes.

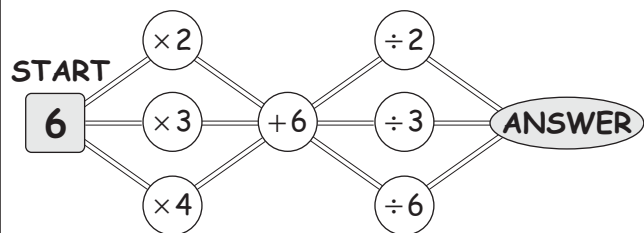
How many horses will she be able to put these new horseshoes onto?



7. On the diagram below:

(a) Colour in **red** the path that would give an answer of 4.

(b) Colour in **blue** the path that would give an answer of 9.



8. Fill in the missing numbers in this calculation.

$$\begin{array}{r} 3 \square 6 \\ \times \square \\ \hline \end{array}$$

The two numbers are different.

$$\begin{array}{r} 1730 \\ \hline \end{array}$$