

NUMBER 5

MARK

5

1. Start with the number shown and complete each line writing the answer each time.

| | |
|-----------------|--------------------------------|
| Starting number | <input type="text" value="6"/> |
| Add 5 | <input type="text"/> |
| Subtract 7 | <input type="text"/> |
| Multiply by 5 | <input type="text"/> |
| Divide by 10 | <input type="text"/> |
| Add 12 | <input type="text"/> |
| Divide by 7 | <input type="text"/> |
| Multiply by 8 | <input type="text"/> |
| Add 8 | <input type="text"/> |
| Divide by 6 | <input type="text"/> |
| Subtract 4 | <input type="text"/> |

2. Find the answer to the following problem **two ways**.

Example $26 + 38$

$$\begin{aligned} \text{(a)} \quad 26 + 38 \\ &= 20 + 6 + 30 + 8 \\ &= 20 + 30 + 6 + 8 \\ &= 50 + 14 \\ &= 64 \end{aligned}$$

$$\begin{array}{r} \text{(b)} \quad 26 \\ + \quad 38 \\ \hline 64 \end{array}$$

(a) 43 + 39 (b) _____

3. Write the answers to the following problems in the boxes shown.

(a)

$3 + 4$

$8 - 5$

$30 + 40$

$80 - 50$

$300 + 400$

$800 - 500$

(b)

2×3

4×5

2×30

40×5

2×300

400×5

(c)

2×10

5×100

20×10

50×100

2×300

500×100

(d)

20×30

60×40

50×50

80×50

90×60

90×200

4. Round the following numbers to the nearest 10.

(a) 21

(b) 38

(c) 63

(d) 124

(e) 7

(f) 278

5. Round the following numbers to the nearest 100.

(a) 280 (b) 365 (c) 731

(d) 76 (e) 649 (f) 1269

6. Find an approximate answer to the following problems by rounding the numbers to the nearest 10 first.

Example: $52 + 79$
 $= 50 + 80$ (after rounding)
 $= 130$

(a) $39 + 64$ (b) $81 - 48$

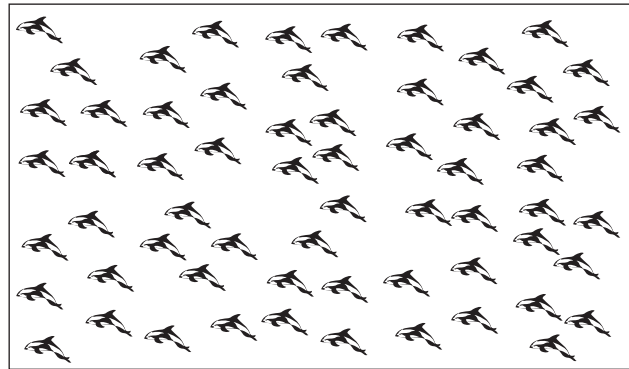
_____ _____
 _____ _____

(c) 37×13 (d) 58×33

_____ _____
 _____ _____

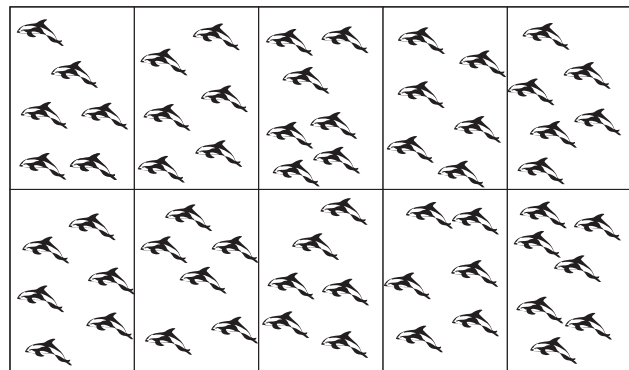
7. Shane weighs 48 kg.
 Mandy weighs 39 kg.
 They wanted to ride in a toy car that could not carry more than 90 kg.
 Would Shane and Mandy be able to ride together in the toy car?

8. Xavier took a photo of a pod of dolphins. The photo is shown below.



(a) Guess how many dolphins are in the photo.

Xavier then drew a grid on the photo as shown below.



(b) How many rectangles are in the grid?

(c) Count how many dolphins are in one rectangle of the grid.

(d) Use these two figures to find an approximation for the number of dolphins.

(e) Count the dolphins to find out exactly how many are in the pod.

