

Adding and subtracting

4.72

9.35

1.99

3.05

11.21

- 1 Choose two or three card numbers with a total as close to 10 as possible.

4.72, 1.99, 3.05 (total = 9.76)

- 2 Choose two card numbers with a difference as close to 2 as possible.

9.35, 11.21 (difference = 1.86)

Are you certain you got as close as possible?

- 3 Find the missing digits.

None of the missing digits are the same.

$$\begin{array}{r}
 4 \quad \boxed{9} \quad \boxed{1} \quad \boxed{8} \\
 + \quad \boxed{7} \quad 9 \quad \boxed{0} \quad \boxed{4} \\
 \hline
 1 \quad \boxed{2} \quad 8 \quad 2 \quad 2
 \end{array}$$



Perfect percentages

Find each percentage.

4

50% of 32 =

16

6

40% of 45 =

18

8

1% of 500 =

5

5

10% of 50 =

5

7

5% of 120 =

6

9

20% of 15 =

3

10

Each answer above matches a letter in the alphabet, so a = 1, b = 2, c = 3, and so on. Find the letters to make a word. There is a letter missing from the end of the word. What is it?

16 = P, 5 = E, 18 = R, 6 = F, 5 = E, 3 = C

T is the missing letter. The word is PERFECT.

Solving problems

11 $20 \div (100 - 96) =$ 5

12 $7 \times (132 - 33) =$ 693

Write the value of each letter.

13 $67 - n = 32$, so $n =$ 35

16 $4 \times t = 120$, so $t =$ 30

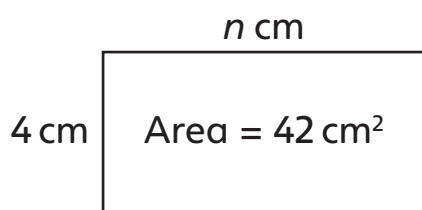
14 $13 \times m = 52$, so $m =$ 4

17 $w - 16 = 42$, so $w =$ 58

15 $s \div 6 = 5$, so $s =$ 30

18 Write the length of the missing side.

10.5 cm



Letters and numbers challenge!

19 Find a pair of numbers that works in both of these number sentences.

$(m + n) \times 5 = 35$ and $24 \div m = 17 - n$

$m =$ 2

$n =$ 5

I found this:



Easy



Challenging



I needed help