PLACE VALUE CONVERSION 4-DIGITS SHEET 1 ANSWERS

Work out these missing conversion facts

1)	5 hundreds = 500 ones	2)	60 ones = 6 tens
3)	7 thousands = 70 hundreds	4)	30 tens = 3 hundreds
5)	60 ones = 6 tens	6)	3 thousands = 30 hundreds
7)	50 hundreds = 5 thousands	8)	1 thousand = 1000 ones
9)	8 hundreds = 800 ones	10)	40 ones = 4 tens
11)	4 thousands = 400 tens	12)	80 hundreds = 8 thousands
13)	30 tens = 300 ones	14)	4 hundreds = 400 ones
15)	70 tens = 7 hundreds	16)	5 hundreds = 50 tens
17)	60 tens = 6 hundreds	18)	4000 ones = 4 thousands
19)	50 tens = 500 ones	20)	4000 ones = 40 hundreds
21)	2 thousands = 200 tens	22)	90 hundreds = 9 thousands

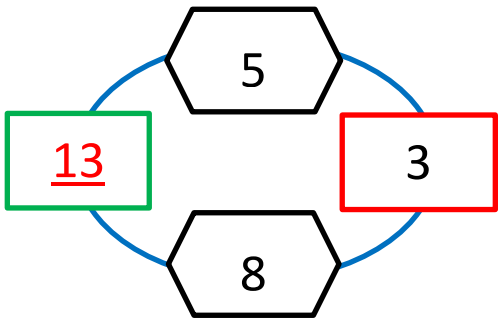
PUZZLE TIME – find the answer to the riddle below in the table!

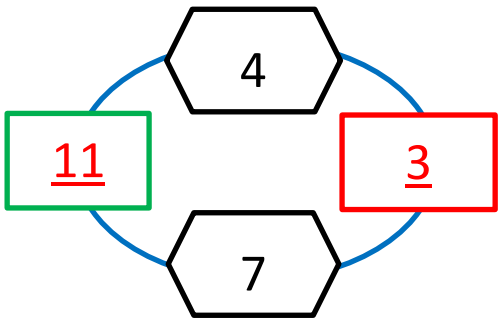
- I am worth more than 30 hundreds.
- I am less than 7000 ones.
- My tens digit is greater than my ones.
- I am a multiple of 5.
- Who am I?

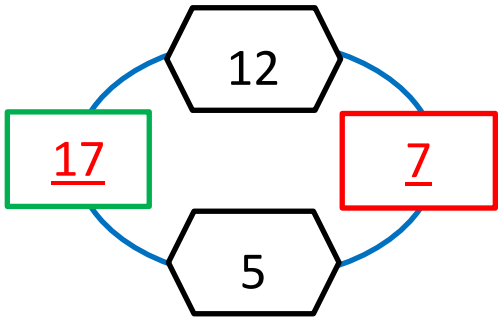
3726	5290	6423
7185	4428	5925

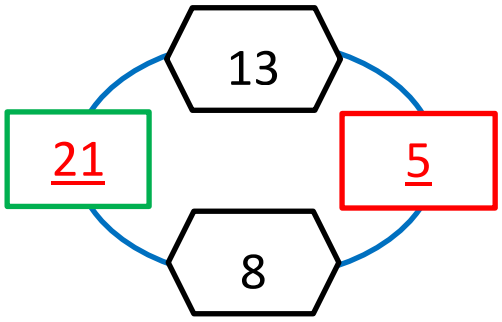
TOTAL DIFFERENCE PUZZLE 3A ANSWERS

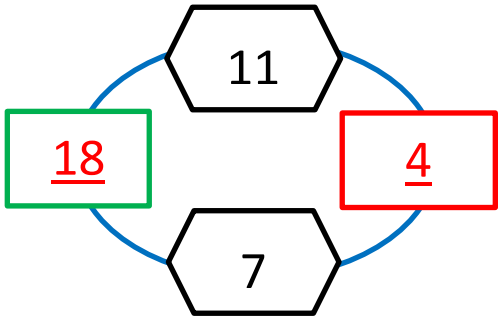
Work out the missing numbers in these puzzles.

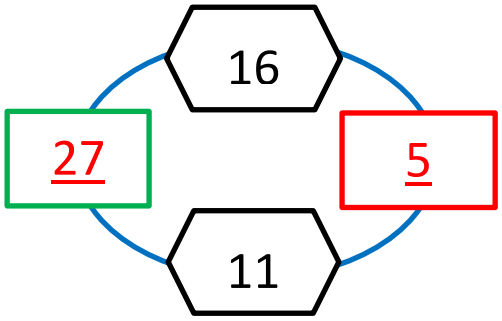












FROGS IN PONDS ANSWERS

In each of the challenges below, there has to be a total of 22 frogs!

Challenge 1

Fill each pond with either 4 or 6 frogs.

6 6 6 4

Total: 22 frogs

Challenge 2

Make each pond hold one less frog than the one before.

7 6 5 4

Total: 22 frogs

Challenge 3

Make each pond hold a different odd number of frogs.

Total: 22 frogs

There are 3 different answers:

1, 3, 5, 13 1, 3, 7, 11 1, 5, 7, 9

MULTIPLICATION – 2 DIGITS BY 1 DIGIT SHEET 1 ANSWERS

1) 32 x 3 = 96

2) 25 x 2 = 50

3) 13 x 4 = 52

4) 16 x 4 = 64

5) 25 x 3 = 75

6) 23 x 2 = 46

7) 86 x 3 = 258

8) 83 x 2 = 166

9) 95 x 5 = 475

10) 76 x 4 = 304

11) 38 x 5 = 190

12) 57 x 3 = 171

13) 40 x 5 = 200

14) 89 x 4 = 356

15) 29 x 3 = 87

FRACTION RIDDLES 3A ANSWERS

CHALLENGE 1

- I am smaller than a half.
- My numerator is one.
- My denominator is more than 3.
- I am more than a fifth.

Who am I? Answer: B) ¼

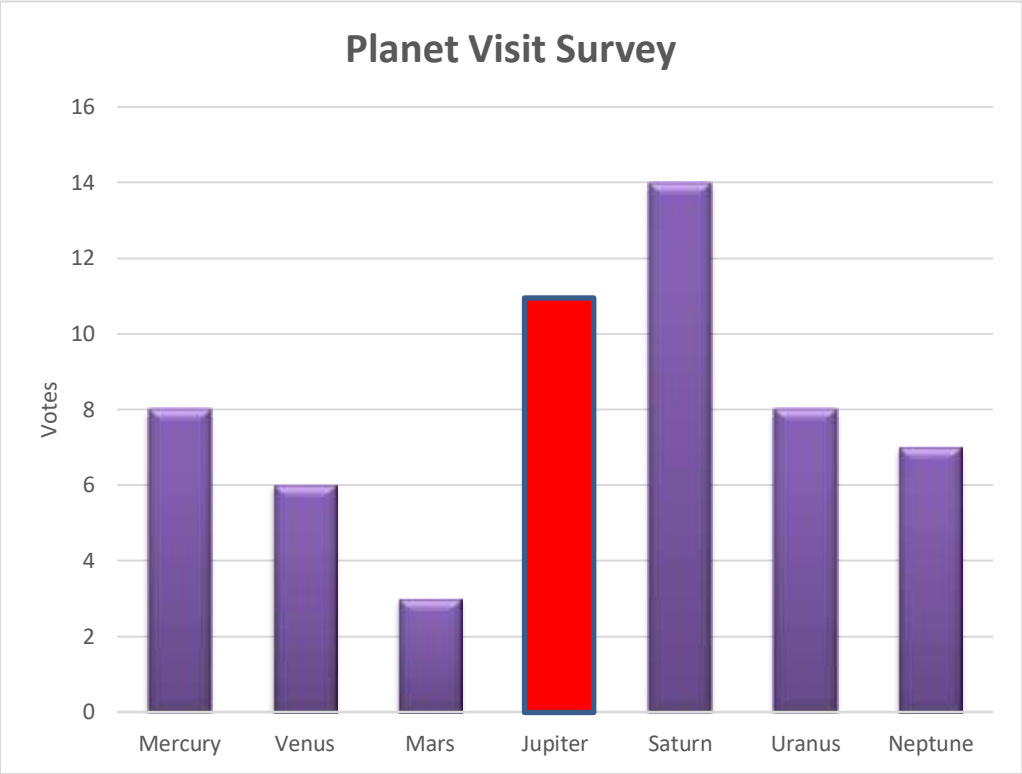
A $\frac{1}{2}$	B $\frac{1}{4}$	C $\frac{2}{3}$
D $\frac{1}{3}$	E $\frac{3}{4}$	F $\frac{1}{6}$

CHALLENGE 2

- I am more than ¼.
- My denominator is not 4.
- I am not less than a half.
- My numerator more than 1.

Who am I? Answer: C) $\frac{2}{3}$

BAR GRAPHS SHEET 3A - PLANET SURVEY ANSWERS



Planet	Votes
Mercury	8
Venus	6
Mars	3
Jupiter	11
Saturn	14
Uranus	8
Neptune	7

1) Fill in the missing data in the table for Mercury and Neptune.

2) Draw a bar to show how many votes Jupiter got.

3) Which was the most popular planet to visit? Saturn

4) How many more votes did Saturn get than Uranus? 6

5) How many more votes did Mercury get than Mars? 5

6) Saturn got more votes than the 3 least popular planets. True or false? False. Mars + Venus + Neptune = 3+6+7 = 16. Saturn = 14

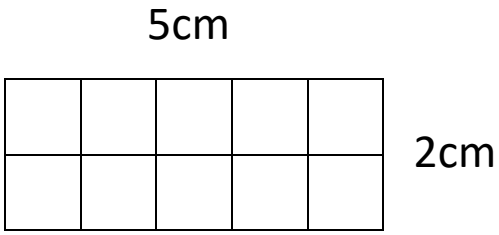
7) Which two planets got the same number of votes?

Mercury & Uranus

PERIMETER SHEET 2 ANSWERS

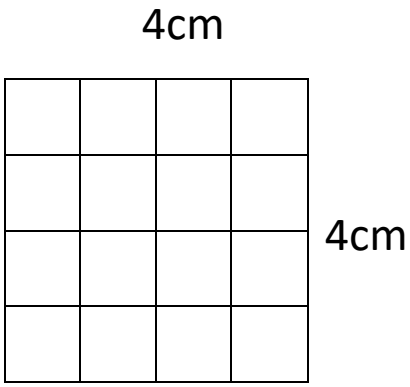
Work out the perimeter of the following rectangles:

1)



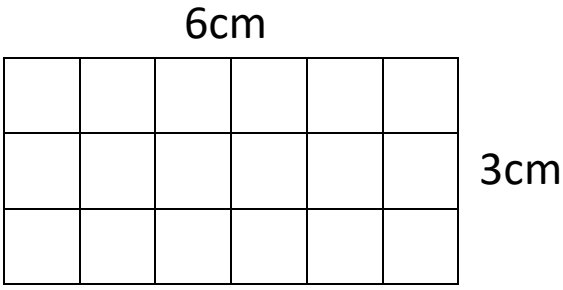
Perimeter = 5+2+5+2= 14 cm

2)



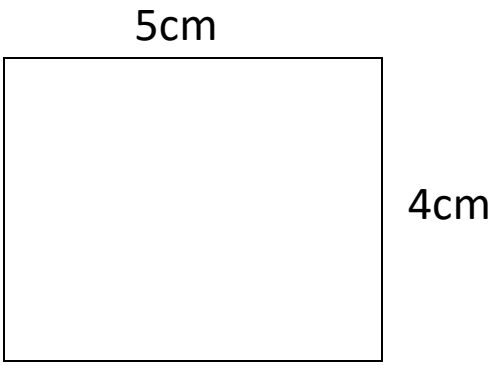
Perimeter = 4+4+4+4 = 16 cm

3)



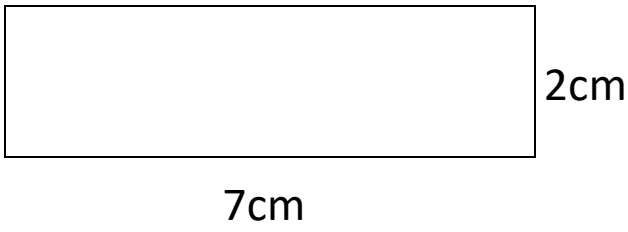
Perimeter = 6+3+6+3= 18 cm

4)



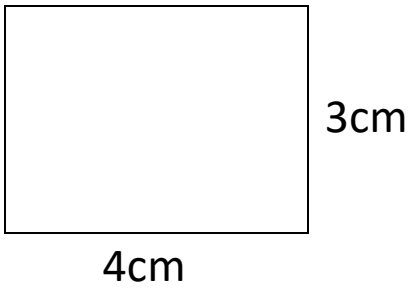
Perimeter = 5+4+5+4 = 18 cm

5)



Perimeter = 7+2+7+2 = 18 cm

6)



Perimeter = 4+3+4+3 = 14 cm