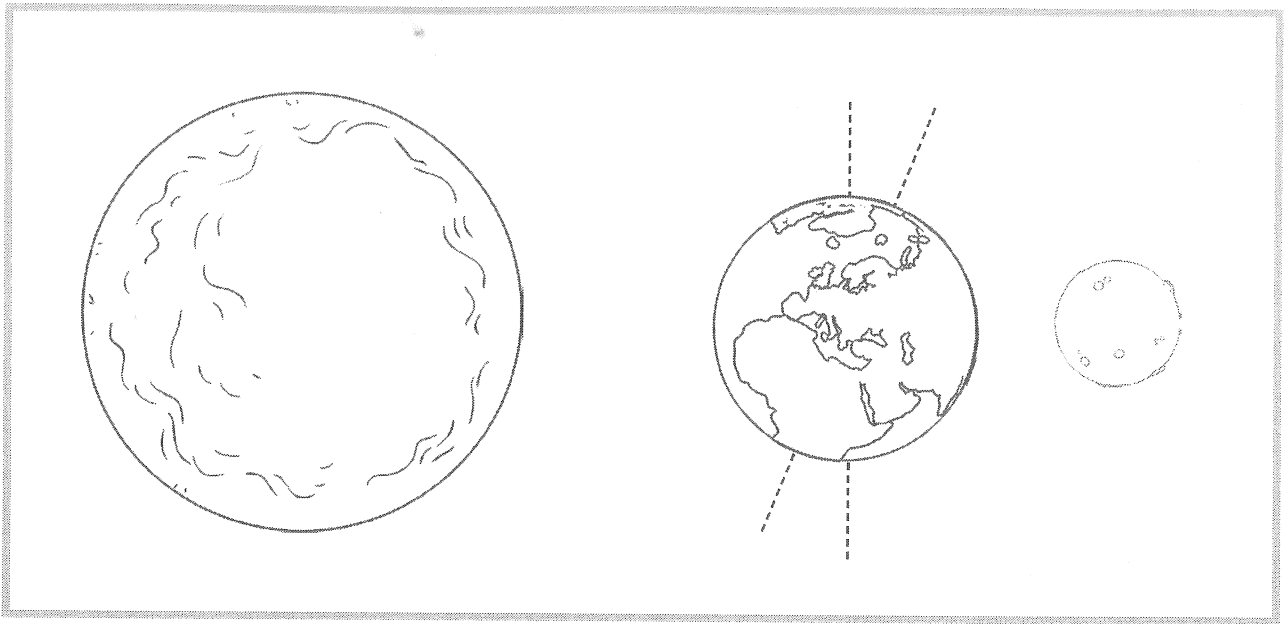# S2F Year 4 Homework: Term 1 Week 10

Due: Friday 3rd April 2020

You must complete at least 3 squares. Tick and have a caregiver sign each activity you complete.

Literacy: Reading	Science	Maths:	Literacy: Vocabulary
Read for at least 15 minutes every night. Have a parent or caregiver sign each night: Sign: _____	Complete the Day and Night worksheet. Sign: _____	Complete the Mental Maths sheet. Sign: _____	Draw a line to match the synonyms (words with a similar meaning). end little guest pretty raise active small visitor attractive build unlike lift construct different busy finish Sign: _____
1. _____ 2. _____ 3. _____ 4. _____ Sign: _____			
Literacy: Spelling i (igloo) Write 10 words that contain the sound above Sign: _____	Maths: Times Tables Practise and time yourself with your 2x times table. Sign: _____	If you have a computer, complete 15-30 minutes on LEXIA / SOUNDWAVES / STUDYLADDER / MATHLETICS – be sure to ask permission to use the computer first. Sign: _____	Play a game with your friends or family. Sign: _____

Why Do We Have Day and Night?

1. Label the **Earth**, **Sun** and **Moon** on the picture.

2. Can you explain why we have daytime and night-time?

_____

_____

_____

_____

_____

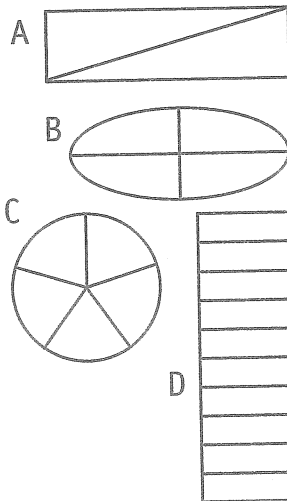| Word Bank |
| --- |
| Earth   Sun   light   daytime   night-time   spins   axis   Moon   reflects |

3. Colour in the picture to show which part of the Earth is in daytime and which part is in night-time.

A
1 $33 + \underline{\hspace{2cm}} = 68$
2 $\underline{\hspace{2cm}} + 27 = 69$
3 $\underline{\hspace{2cm}} + 64 = 101$
4 $64 + \underline{\hspace{2cm}} = 89$
5 $\underline{\hspace{2cm}} + 47 = 74$
6 $38 + \underline{\hspace{2cm}} = 123$
7 $54 + \underline{\hspace{2cm}} = 117$

8 $13c + \underline{\hspace{2cm}} = \$1$
9 $84c + \underline{\hspace{2cm}} = \$1$
10 $29c + \underline{\hspace{2cm}} = \$1$
11 $99c + \underline{\hspace{2cm}} = \$1$
12 $54c + \underline{\hspace{2cm}} = \$1$
13 $18c + \underline{\hspace{2cm}} = \$1$
14 $73c + \underline{\hspace{2cm}} = \$1$

15 $25 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
16 $63 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
17 $87 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
18 $105 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
19 $81 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
20 $37 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

Score ☐

B
1 colour half of A
2 colour a quarter of B
3 colour $\frac{2}{5}$ of C
4 colour $\frac{3}{10}$ of D
5 a quarter of 36 $\underline{\hspace{1.5cm}}$
6 three quarters of 20 $\underline{\hspace{1.5cm}}$
7 one tenth of 50 $\underline{\hspace{1.5cm}}$
8 one fifth of 20 $\underline{\hspace{1.5cm}}$

A

B

C

D

Write <, > or =.
9 $\frac{4}{10}$ $\underline{\hspace{2cm}}$ $\frac{4}{5}$
10 $\frac{1}{5}$ $\underline{\hspace{2cm}}$ $\frac{1}{10}$
11 $\frac{9}{10}$ $\underline{\hspace{2cm}}$ 1
12 $\frac{4}{5}$ $\underline{\hspace{2cm}}$ $\frac{8}{10}$
13 $\frac{1}{2}$ $\underline{\hspace{2cm}}$ $\frac{6}{10}$
14 $\frac{3}{4}$ $\underline{\hspace{2cm}}$ $\frac{1}{5}$
15 $\frac{2}{5}$ $\underline{\hspace{2cm}}$ $\frac{4}{10}$

Score ☐

C
1 product of 6 and 9 $\underline{\hspace{1.5cm}}$
2 sum of 7 and 8 $\underline{\hspace{1.5cm}}$
3 cost of nine 5c stickers $\underline{\hspace{1.5cm}}$
4 round $2.72 to the nearest dollar $\underline{\hspace{1.5cm}}$
5 even number before 39 $\underline{\hspace{1.5cm}}$
6 odd number after 73 $\underline{\hspace{1.5cm}}$
7 number after 998 $\underline{\hspace{1.5cm}}$
8 number before 1001 $\underline{\hspace{1.5cm}}$

Circle the one that weighs the most.
9 brick or pencil
10 kg of potatoes or a shoe
11 apple or 1 L of milk
12 sock or a glass of water
13 football or a tennis ball
14 3 pencils or full lunchbox
15 milk jug or eggcup

Score ☐

Strategy
Compensation with addition

32 + 49 =
32 + 50 – 1 = 81

75 + 42 =
75 + 40 + 2 = 117

1 63 + 39 = _____ + _____ – _____ = _____
2 49 + 24 = _____ + _____ + _____ = _____
3 52 + 69 = _____ + _____ – _____ = _____
4 84 + 49 = _____ + _____ – _____ = _____
5 105 + 18 = _____ + _____ – _____ = _____
6 84 + 32 = _____ + _____ + _____ = _____
7 72 + 51 = _____ + _____ + _____ = _____
8 127 + 53 = _____ + _____ + _____ = _____
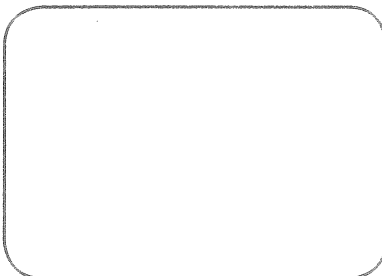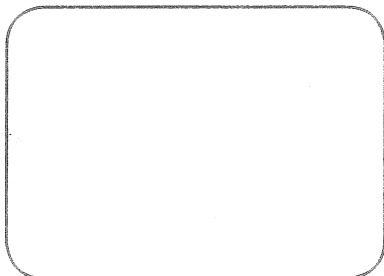
Score _____

Space
Draw:

		a cone.

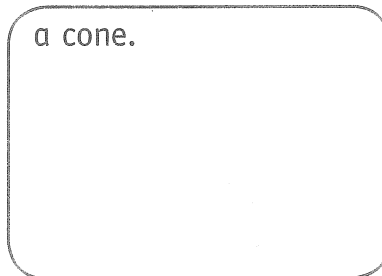## Problem solving

The algorithm is
$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

What is the question?

_____
_____
_____
_____

Problem of the week

2 8 6 0

1 Halve each of these digits.
_____

2 Write the largest number possible using the new digits.
_____

3 Write the smallest number possible.
_____