

## **Year 3 Home Learning Update – 15/06/2020**

Dear Year 3,

We hope you are continuing to complete some of the tasks set in these updates.

We hope that you have been able to enjoy some walks or have been able to meet up with your friends and families in gardens.

We look forward to when we can be back in school together.

Best wishes

Aimie and Laura

<b>Subject</b>	<b>Topic</b>	<b>Activities</b>
English		Please see separate link for English activity booklet – The Stone trolls – It is a long booklet so children can complete this over a couple of weeks Reading – Rainforest calling <a href="https://www.twinkl.co.uk/resource/ks2-rainforest-story-ebook-t2-or-556">https://www.twinkl.co.uk/resource/ks2-rainforest-story-ebook-t2-or-556</a>
Maths	Measurement	Arithmetic questions Measurement questions below If an adult can help you, do some cooking to practise your weighing skills.
Science	Shadows	Shadow experiment Shadow puppet video - <a href="https://www.bbc.co.uk/bitesize/clips/z87jnp3">https://www.bbc.co.uk/bitesize/clips/z87jnp3</a>
RE	Special Places	Read separate document – Special places for Jesus Complete matching activity below
		Faith at home episode <a href="https://classroom.thenational.academy/activity-clubs/faith-at-home/episodes/patience-primary/">https://classroom.thenational.academy/activity-clubs/faith-at-home/episodes/patience-primary/</a>
French	Clothes and food	<a href="https://www.bbc.co.uk/bitesize/articles/z64xprd">https://www.bbc.co.uk/bitesize/articles/z64xprd</a>
Computing	Networks	<a href="https://www.bbc.co.uk/bitesize/articles/zn6vgwx">https://www.bbc.co.uk/bitesize/articles/zn6vgwx</a>
Music	Pulse	<a href="https://classroom.thenational.academy/lessons/to-clap-to-the-pulse-of-a-song-in-3-and-4-time/">https://classroom.thenational.academy/lessons/to-clap-to-the-pulse-of-a-song-in-3-and-4-time/</a>
PE		<a href="https://www.afpe.org.uk/physical-education/thisispe-supporting-parents-to-teach-pe-at-home/">https://www.afpe.org.uk/physical-education/thisispe-supporting-parents-to-teach-pe-at-home/</a> Joe wicks I moves BBC Supermovers
Geography	Weather and climate	<a href="https://www.bbc.co.uk/bitesize/articles/z4xdqp3">https://www.bbc.co.uk/bitesize/articles/z4xdqp3</a>
History	Victorians	Queen Victoria Video <a href="https://www.bbc.co.uk/teach/class-clips-video/ks2-queen-victoria-the-ultimate-victorian/z79vhbk">https://www.bbc.co.uk/teach/class-clips-video/ks2-queen-victoria-the-ultimate-victorian/z79vhbk</a> Create a fact file about Queen Victoria
PSHEE	Healthy Me	Match the pictures to the sugar content <a href="https://www.bbc.co.uk/bitesize/clips/zv84d2p">https://www.bbc.co.uk/bitesize/clips/zv84d2p</a>



# Reading Scales to Measure in Grams

I can read scales to measure in grams.

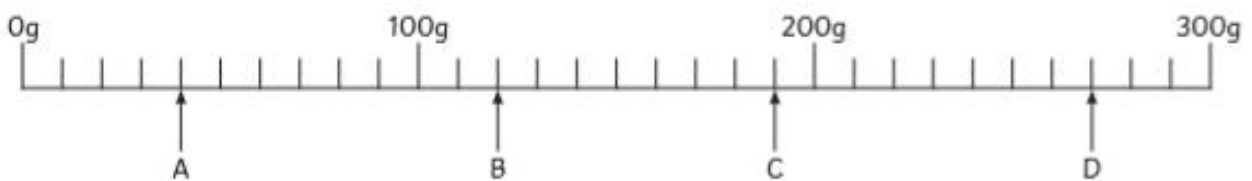
For each scale, write a calculation to show how you worked out what each interval is worth and then say how many grams the arrows are pointing to. The first one has been done for you.



Calculating the intervals:

There are 2 intervals between 0 and 100.  
 $100 \div \underline{2} = 50$   
 Each interval is worth 50 g.  
 The arrow is pointing to 250 g.

Scale 2:



There are      intervals between 0 and 100.  
 $100 \div \underline{\quad} = \underline{\quad}$   
 Each interval is worth      g.  
 Arrows are pointing to:

- A      g
- B      g
- C      g
- D      g





Scale 3:



There are \_\_\_\_ intervals between 0 and 50.

$$50 \div \underline{\quad} = \underline{\quad}$$

Each interval is worth \_\_\_\_ g.

Arrows are pointing to:

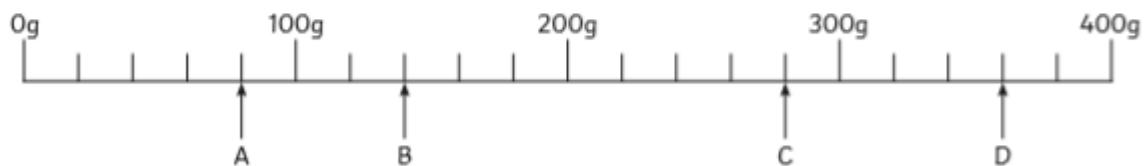
A \_\_\_\_ g

B \_\_\_\_ g

C \_\_\_\_ g

D \_\_\_\_ g

Scale 4:



There are \_\_\_\_ intervals between 0 and 100.

$$100 \div \underline{\quad} = \underline{\quad}$$

Each interval is worth \_\_\_\_ g.

Arrows are pointing to:

A \_\_\_\_ g

B \_\_\_\_ g

C \_\_\_\_ g

D \_\_\_\_ g

<b>1</b>	$9 + 5 = \square$	<input type="checkbox"/>	<b>2</b>	$\square = 8 \times 10$	<input type="checkbox"/>
<b>3</b>	$\square - 5 = 7$	<input type="checkbox"/>	<b>4</b>	$218 - 3 = \square$	<input type="checkbox"/>
<b>5</b>	$5 \times \square = 20$	<input type="checkbox"/>	<b>6</b>	$169 - 40 = \square$	<input type="checkbox"/>
<b>7</b>	$33 + \square = 76$	<input type="checkbox"/>	<b>8</b>	$470 + 500 = \square$	<input type="checkbox"/>
<b>9</b>	$\square \div 3 = 7$	<input type="checkbox"/>	<b>10</b>	$20 \times 5 = \square$	<input type="checkbox"/>
<b>11</b>	$\begin{array}{r} 33 \\ + 48 \\ \hline \end{array}$	<input type="checkbox"/>	<b>12</b>	$\square = \frac{4}{5} - \frac{3}{5}$	<input type="checkbox"/>

<b>13</b>	$\begin{array}{r} 61 \\ - 27 \\ \hline \end{array}$	<input type="checkbox"/>
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<b>14</b>	$140 \div 2 = \square$	<input type="checkbox"/>
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<b>15</b>	$\begin{array}{r} 654 \\ - 263 \\ \hline \end{array}$	<input type="checkbox"/>
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<b>16</b>	$\square - 37 = 37$	<input type="checkbox"/>
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<b>17</b>	$\frac{2}{4}$ of 28 = <input type="text"/>	<input type="checkbox"/>
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<b>18</b>	$\begin{array}{r} 42 \\ + 89 \\ \hline \end{array}$	<input type="checkbox"/>
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<b>19</b>	$\begin{array}{r} 17 \\ \times 4 \\ \hline \end{array}$	<input type="checkbox"/>
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<b>20</b>	$\begin{array}{r} 76 \\ + 45 \\ \hline \end{array}$	<input type="checkbox"/>
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<b>Total marks</b>	<b>/20</b>
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## Arithmetic Answers

1	14
2	80
3	12
4	215
5	4
6	129
7	43
8	970
9	21
10	100
11	81
12	$\frac{1}{5}$
13	34
14	70
15	391
16	74
17	14
18	131
19	68
20	121



## Reading Scales to Measure in Grams **Answers**

I can read scales to measure in grams.



Scale 2:

There are 10 intervals between 0 and 100.

$$100 \div \underline{10} = \underline{10}$$

Each interval is worth 10 g.

Arrows are pointing to:

- A 40 g
- B 120 g
- C 190 g
- D 270 g

Scale 3:

There are 5 intervals between 0 and 50.

$$50 \div \underline{5} = \underline{10}$$

Each interval is worth 10 g.

Arrows are pointing to:

- A 30 g
- B 60 g
- C 90 g
- D 120 g

Scale 4:

There are 5 intervals between 0 and 100.

$$100 \div \underline{5} = \underline{20}$$

Each interval is worth 20 g.

Arrows are pointing to:

- A 80 g
- B 140 g
- C 280 g
- D 360 g





## What Is a Shadow?

Light can only travel in a straight line. A shadow is formed when something blocks light.

Here is a shadow puppet show of Little Red Riding Hood. The shadows are formed when light is shone on the puppets. The puppets block the light and a shadow is formed.

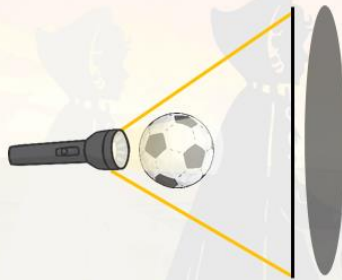
What do you notice about the shape of the puppet and the shape of the shadow?

Talk About it!



## Changing Shadows

Look at the shadow the ball makes.



The closer to the light source an object is, the bigger the shadow will be. This is because the object blocks more of the light.



The further away from the light source an object is, the smaller the shadow will be. This is because the object blocks less of the light.

Carry out your own experiment by measuring a shadow at different times outside.

What do you think will happen to the shadow throughout the day?

# Shadows during the Day

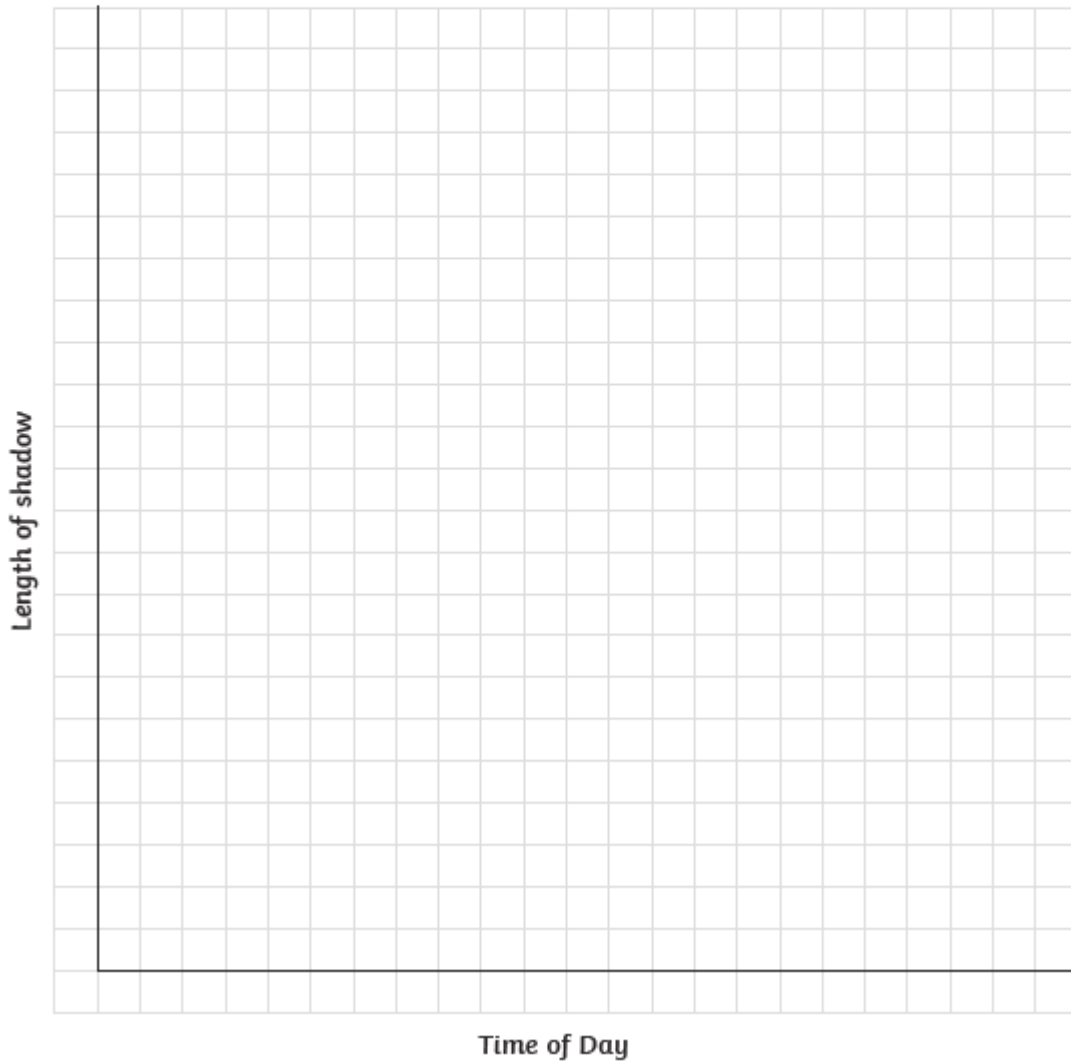
## Prediction

I think that the shadows will get longer/shorter (circle your answer).

I think this because \_\_\_\_\_  
\_\_\_\_\_

## Results

Draw a table showing how the shadows changed throughout the day.



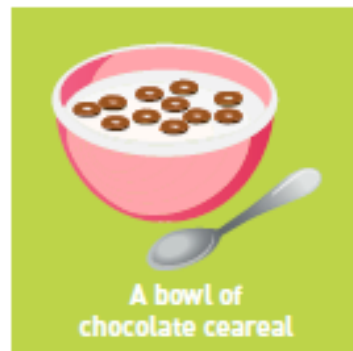
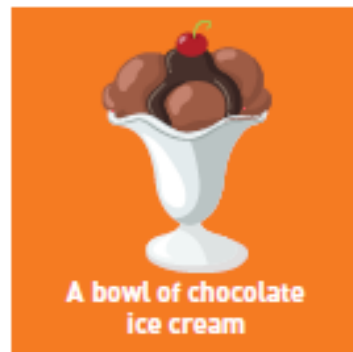
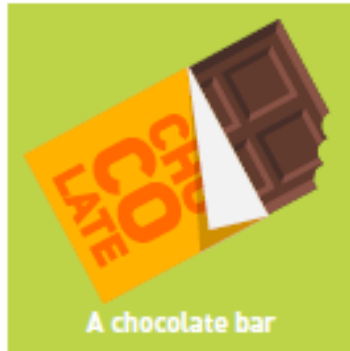
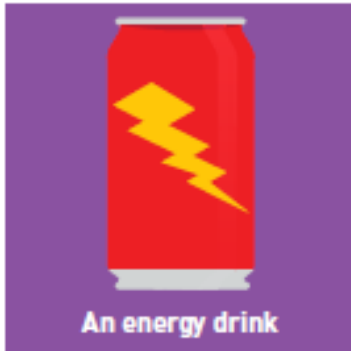
Cut up the cards below.

Match the special events in Jesus' life to the special places they took place

Jesus was born in this special place.	River Jordan
The home town of Mary and Joseph. Jesus grew up here and became strong in this special place.	Bethlehem
Jesus was baptised by John the Baptist in this special place.	Nazareth
Jesus saw the crowds and went up a hill, where he sat down. His disciples gathered round him and he began to teach them.	The temple in Jerusalem
Mary and Joseph took Jesus to this special place to see an old man called Simeon. Here Simeon gave blessings to God for Jesus.	The hills around the Sea of Galilee

## Healthy Me

### How Much Sugar? Game - Ages 7-8 - Piece 2



## Healthy Me

How Much Sugar? Game - Ages 7-8 - Piece 2

35g of sugar

15g of sugar

30g of sugar

20g of sugar

8g of sugar

22g of sugar

14g of sugar

17g of sugar

11g of sugar