Summer Keep Up Maths Booklet

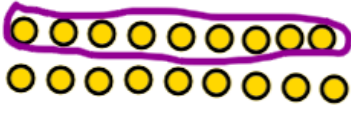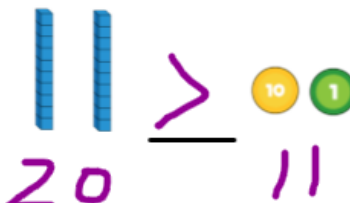# Year 2

Name:

Instructions

- 6 weeks of quick maths questions – one for each week of your holiday!

- You then have 5 questions to complete a day, with an example at the top to help you in purple pen.
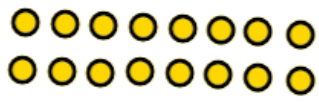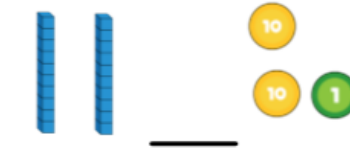
- 5 minutes a day, is all I am asking to help you 'Keep up' over the summer holidays!

Week 1

$4 + \underline{16} = 20$

$6 \div 3 = \underline{2}$

$\frac{1}{2}$ of $18 = 9$

$<$ $>$ or $=$

20 $\geq$ 11

How many vertices?

8

$3 + \underline{} = 20$

$9 \div 3 = \underline{}$

$\frac{1}{2}$ of 16

$<$ $>$ or $=$

How many vertices?

5 + ___ = 20

12 ÷ 3 = ____

$\frac{1}{2}$ of 14

< > or =
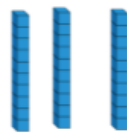
How many vertices?
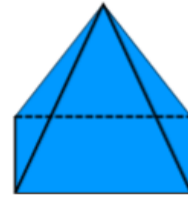
1 + ___ = 20

3 ÷ 3 = ____

$\frac{1}{2}$ of 20

< > or =
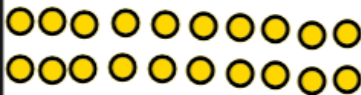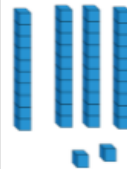
How many vertices?
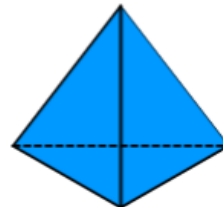
$8 +$ ___ $= 20$

$15 \div 3 =$ ___

$\frac{1}{2}$ of 10

$<$ $>$ or $=$

___
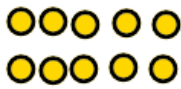
How many vertices?
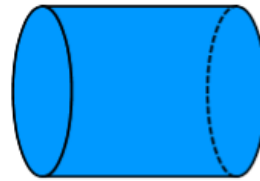
$10 +$ ___ $= 20$
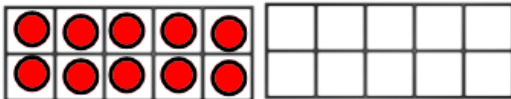
$18 \div 3 =$ ___
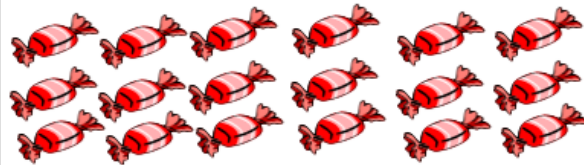
$\frac{1}{2}$ of 8

$<$ $>$ or $=$

___
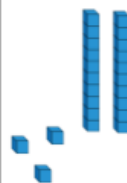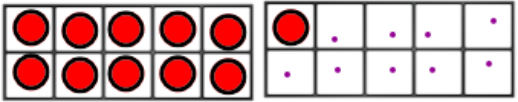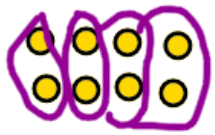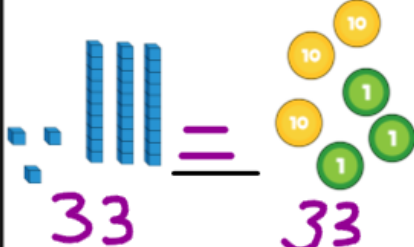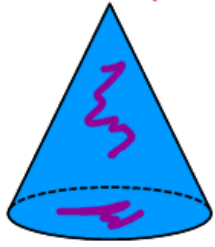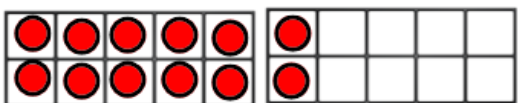
How many vertices?
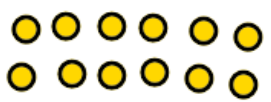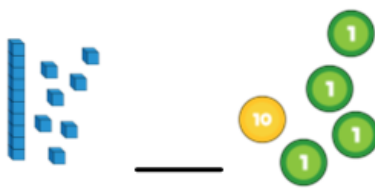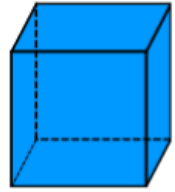
Week 2

11 + 9 = 20

5 ÷ 5 = 1

$\frac{1}{4}$ of 8 = 2

< > or =

33 = 33

How many faces?

2

12 + ___ = 20

10 ÷ 5 = ___

$\frac{1}{4}$ of 12

< > or =

___

How many faces?

14 + ___ = 20
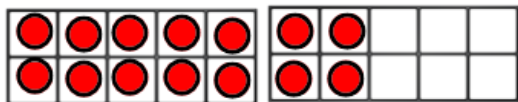
15 ÷ 5 = ___
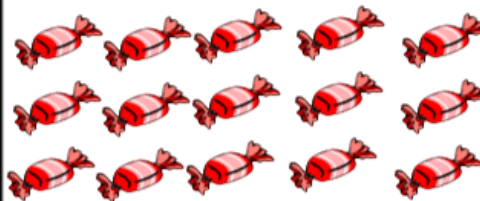
$\frac{1}{4}$ of 16

< > or =

___
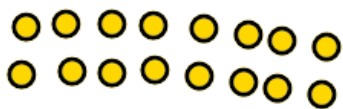
How many faces?
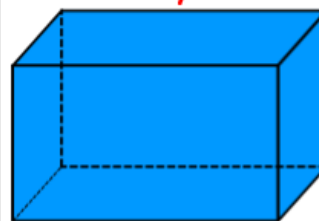
14 + ___ = 20
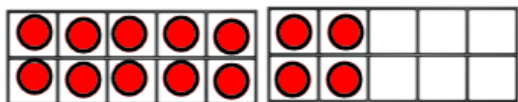
25 ÷ 5 = ___

$\frac{1}{4}$ of 20
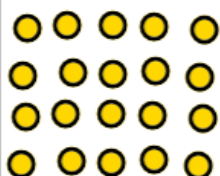
< > or =

___

How many faces?
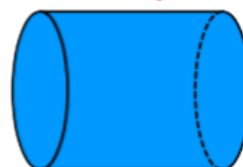
18 + ___ = 20
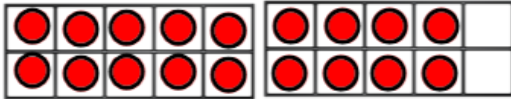
35 ÷ 5 = ____

$\frac{1}{4}$ of 28
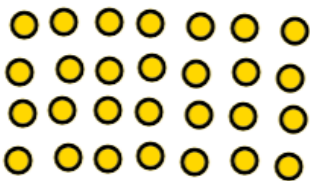
< > or =
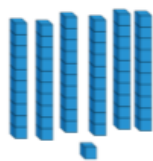
How many faces?
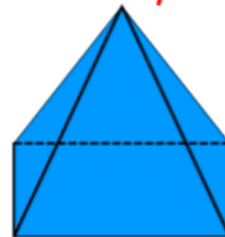
20 + ___ = 20
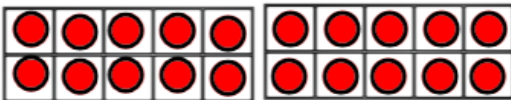
30 ÷ 5 = ____

$\frac{1}{4}$ of 32

< > or =

How many faces?

Week 3

T O 3 5 + 2 4 5 9	add the O (ones) column first

How much money?

50 pence coin, 20 pence coin   **70p**

| 1/3 of 6 = 2
⊙⊙ ⊙⊙ ⊙⊙ | left ← → right
£1, 2p, 50p, 2p coins
The £1 coin is to the
left of the 1p coin. | **What time is it?**
clock showing quarter past six
quarter <u>past</u> six |

T O 3 3 + 6 5 _____	**How much money?** 20 pence, 20 pence, 20 pence coins

| 1/3 of 9
○○ ○○ ○○
○ ○○ | £1, 2p, 50p, 2p coins
The 50p coin is to the
_____ of the 1p coin. | **What time is it?**
clock showing time |

```
T  O
5  7
+ 1  1
_____
```

How much money?

⅓ of 12

○○○○○ ○○
○○○ ○ ○○○ ○
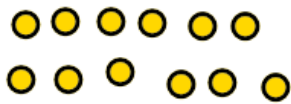
The 2p coin is to the
_____ of the 50p coin.
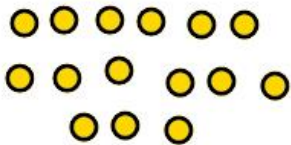
What time is it?


```
T  O
6  4
+ 2  2
_____
```

How much money?

⅓ of 15

○○○○○ ○○
○○ ○ ○○○ ○
○○ ○

The 1p coin is to the
_____ of the 50p coin.

What time is it?

```
  T O
  6 1
+ 3 5
———
```

How much money?

⅓ of 21
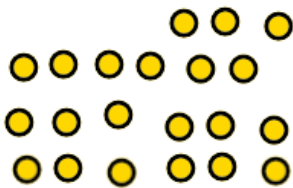
The 1p coin is to the _____ of the £1 coin.

What time is it?

```
  T O
  5 3
+ 4 4
———
```

How much money?

⅓ of 18
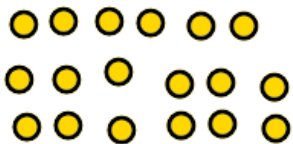
The 50p coin is to the _____ of the 2p coin.

What time is it?

Week 4

```
  T O
  4 7
+ 2 4
─────
  7 1
```
Don't forget to add the '10' you carried over

How much money?

£1.50

⅔ of 9 = 6

The 2p coin is <u>below</u> the 50p coin.

What time is it?

quarter <u>to</u> three

```
  T O
  5 6
+ 2 6
─────
```

How much money?

⅔ of 12

The 2p coin is _____ the 10p coin.

What time is it?

Box 1

```
  T O
  3 5
+ 3 6
─────
```

How much money?

£1, 2p, 2p

²⁄3 of 15

○ ○ ○ ○ ○
○ ○ ○ ○ ○
○ ○ ○ ○ ○
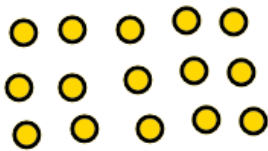
The 50p coin is _____ the 2p coin.

What time is it?

Box 2

```
  T O
  4 5
+ 2 8
─────
```

How much money?

£1, 1p, 1p
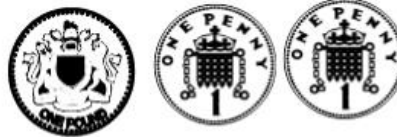
²⁄3 of 18

○ ○ ○ ○ ○ ○
○ ○ ○ ○ ○ ○
○ ○ ○ ○ ○ ○
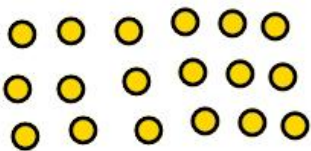
The 10p coin is _____ the 2p coin.

What time is it?

```
  T  O
  4  3
+ 4  9
_____
```

How much money?

$\frac{2}{3}$ of 21
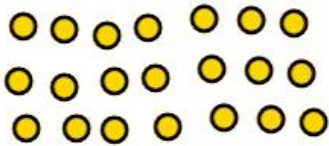
The 5p coin is _____ the 2p coin.

What time is it?

_____

```
  T  O
  1  9
+ 1  9
_____
```

How much money?

$\frac{2}{3}$ of 24
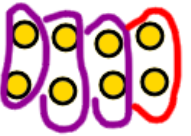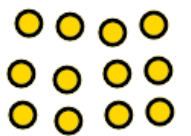
The £1 coin is _____ the 2p coin.

What time is it?

Week 5

```
H T O
  7 9
+ 2 4
─────
1 0 3
  1
```

How much money?

£3.05

$\frac{3}{4}$ of 8 = 6

```
T O
3 9
- 1 2
─────
2 7
```

What time is it?

five past eleven

```
H T O
  7 8
+ 3 4
─────
```

How much money?

$\frac{3}{4}$ of 12

```
T O
3 4
- 1 4
─────
```

What time is it?

```
  H T O
    8 6
+   3 4
---------
```

How much money?

$\frac{3}{4}$ of 16
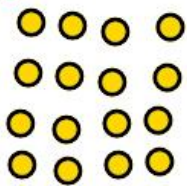

```
  T O
  6 7
- 3 4
-------
```

What time is it?


```
  H T O
    8 8
+   4 4
---------
```

How much money?

$\frac{3}{4}$ of 20
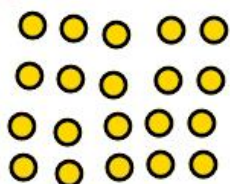

```
  T O
  9 7
- 5 0
-------
```

What time is it?

```
  H  T  O
     5  8
+    6  7
_____
```

How much money?

$\frac{3}{4}$ of 24
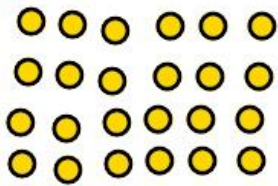

```
  T  O
  9  9
-     5
_____
```

What time is it?


```
  H  T  O
     9  8
+    5  8
_____
```

How much money?

$\frac{3}{4}$ of 28
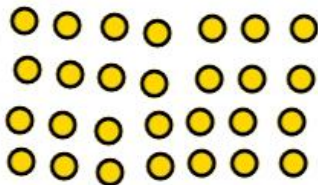

```
  T  O
  8  5
- 2  3
_____
```

What time is it?

Week 6

What fraction is shaded?

$\dfrac{1}{3}$ numerator (part shaded) / denominator (whole)

$4 \times 5 = \underline{20}$ so

$\underline{20} \div 5 = 4$

$\dfrac{3}{4}$ of 32 = 8

You may want to draw the amount to help you.

'exchange' one of the tens.

$$\begin{array}{cc} T & O \\ 7\!\!\!/8 & {}^1 5 \\ -\;2 & 6 \\ \hline 5 & 9 \end{array}$$

What time is it?

5 minutes to three

What fraction is shaded?

$8 \times 5 = \underline{}$ so

$\underline{} \div 5 = 8$

$\dfrac{3}{4}$ of 36

$$\begin{array}{cc} T & O \\ 6 & 3 \\ -\;2 & 6 \\ \hline & \end{array}$$

What time is it?

| What fraction is shaded? | $2 \times 3 =$ _____ so

 _____ $\div 3 = 2$ |
| $\frac{3}{4}$ of 40 | T O
 5 2
 - 1 9
 _____ | What time is it? |

| What fraction is shaded? | $5 \times 3 =$ _____ so

 _____ $\div 3 = 5$ |
| $\frac{3}{4}$ of 44 | T O
 9 0
 - 1 5
 _____ | What time is it? |

Card 1

What fraction is shaded?

$7 \times 3 =$ _____ so

_____ $\div 3 = 7$

$\dfrac{3}{4}$ of 4

T O
7 2
- 1 7
_____

What time is it?

Card 2
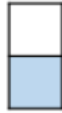
What fraction is shaded?

$11 \times 2 =$ _____ so

_____ $\div 11 = 2$

$\dfrac{3}{4}$ of 48

T O
5 1
- 4 9
_____

What time is it?