Year Five
Maths
Lesson 2

Fluency Starter

- Keep up your daily practice of 5 a day https://corbettmathsprimary.com/5-a-day/ and challenge yourself to Bronze, Silver, Gold or Platinum!

- Or Complete Flashback 4 for your daily starter (on the next slide).

- Log on to Doodlemaths for 15 minutes each day and try and keep in the Green Zone.

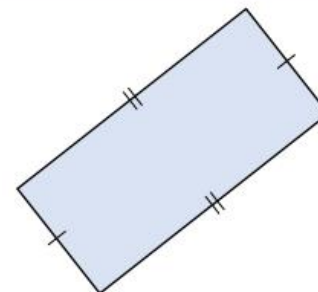- There are also some Maths activities on Purple Mash to complete.

Fluency Starter

1) Add 0.45 to 0.85

2) What is 0.05 less than 0.71?

3) Which percentage is the same as $\frac{3}{5}$?

    3.5%   30%   35%   60%

4) How many sides does a hexagon have?

Fluency Starter Answers

Flashback 4

1) Add 0.45 to 0.85   1.3(0)

2) What is 0.05 less than 0.71?   0.66

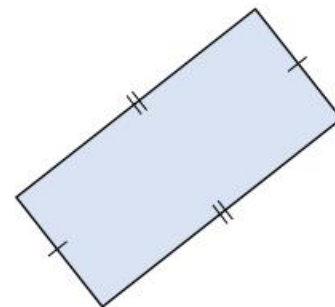3) Which percentage is the same as $\frac{3}{5}$?

    3.5%.   30%.   35%.   60%.   60%.

4) How many sides does a hexagon have?   6

White Rose Maths

Lesson Aims

- I can add decimals with different number of decimal places

Main Teaching

What this video for input

https://vimeo.com/405760679

Fluency

1 Ron is adding 1.4 and 2.53

He makes each number with counters.

Ones	Tenths	Hundredths
⬤	⬤⬤⬤⬤	
⬤⬤	⬤⬤⬤⬤⬤	⬤⬤⬤

a) What is the answer to Ron's calculation?

b) Explain your method to a partner.

c) Did you have to make an exchange? _____.

Fluency

Put in zero as a place holder

2 Work out the additions.

a)
```
    3 • 0   2
+   1 • 6
  ───────
      •
  ───────
```

c)
```
        2 • 8
+       3 • 4   5
      ─────────
          •
      ─────────
```

b)
```
    1   3 • 5
+       0 • 2   3
  ─────────────
          •
  ─────────────
```

d)
```
            6 • 1   5
+       1   3 • 9
      ─────────────
              •
      ─────────────
```

Fluency

3 Filip is adding two numbers together.

He writes it as a column addition.

a) What mistake has Filip made?

_____

_____

b) Use the column method to work out the correct answer.

$$
\begin{array}{r}
1 \quad 3 \cdot 8 \\
+ \quad 1 \cdot 9 \quad 5 \\
\hline
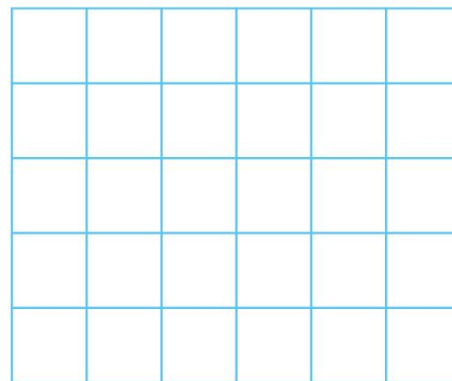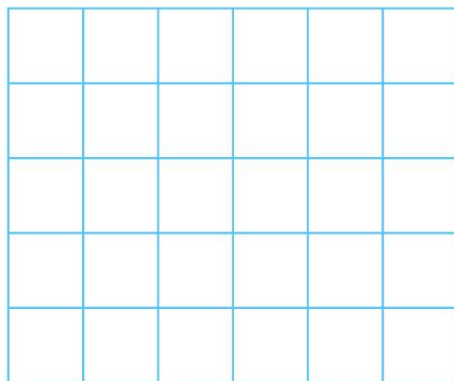3 \cdot 3 \quad 3 \\
\hline
{\scriptstyle 1 \quad 1}
\end{array}
$$

Fluency

Put a zero as a place holder

4 Use the column method to work out the additions.

a) 2.36 + 1.9

b) 14.82 + 3.7

Fluency

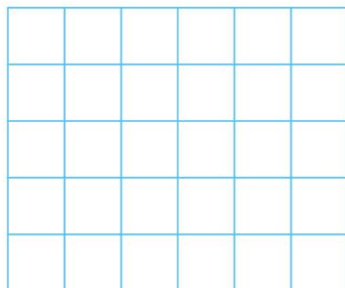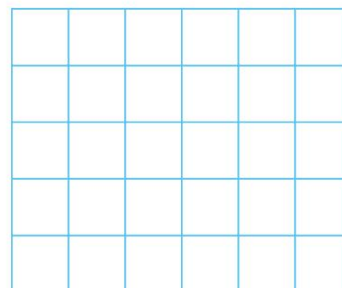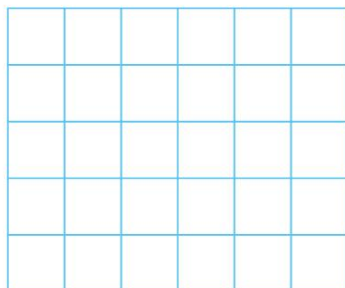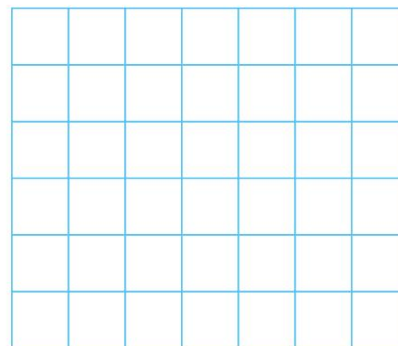**5** Use the column method to work out the additions.
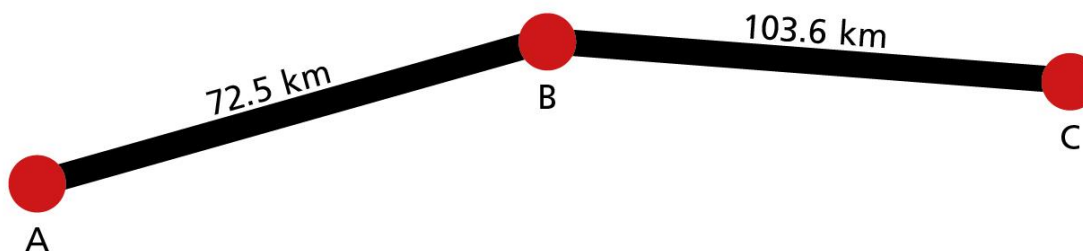
a) 0.59 + 11.9

c) 0.591 + 1.73

b) 77.34 + 1.82

d) 3.2 + 1.84 + 0.931

Fluency

6 Mr Hall drives from point A to point B, then on to point C.

What is the total distance that Mr Hall drives?

[ ] km

Fluency

7 Here are four number cards.

| 3.8 | 4.19 | 0.72 | 11.46 |

a) What is the greatest total you can make by adding two of the numbers?

Complete the calculation.

☐ + ☐ = ☐

b) What is the sum of the four numbers?

☐

Fluency Activity

- See activity sheet Day 2
- Complete as many questions as you are able.

Fluency Activity Answers

Fluency Activity Answers

Y5 Summer Block 1 ANS7 Adding decimals with a differen number of decimal places 2020.pdf - Google Chrome

File | S:/staff/YEAR%20GROUPS/YEAR%205-%20Cedar%20and%20Lime/PLANNING/MATHS/3Summer%202020/Week%207%20Decimals/Y5%20Summer...

5 Use the column method to work out the additions.

a) 0.59 + 11.9

```
   0 . 5  9
+  1 1 . 9
  1 2 . 4  9
      1
```

c) 0.591 + 1.73

```
   0 . 5  9  1
+  1 . 7  3
  2 . 3  2  1
    1  1
```

b) 77.34 + 1.82

```
   7 7 . 3  4
+     1 . 8  2
   7 9 . 1  6
        1
```

d) 3.2 + 1.84 + 0.931

```
   3 . 2
   1 . 8  4
+  0 . 9  3  1
   5 . 9  7  1
         1
```

6 Mr Hall drives from point A to point B, then on to point C.

103.6 km

72.5 km

B

C

A

What is the total distance that Mr Hall drives?

176.1 km

7 Here are four number cards.

| 3.8 | 4.19 | 0.72 | 11.46 |

a) What is the greatest total you can make by adding two of the numbers?

Complete the calculation.

11.46 + 4.19 = 15.65

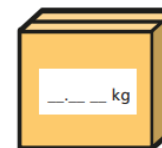**b)** What is the sum of the four numbers?

20.17

8 Work out the missing digits.

a) 2 4.3 + 1 5.37 = 39.67

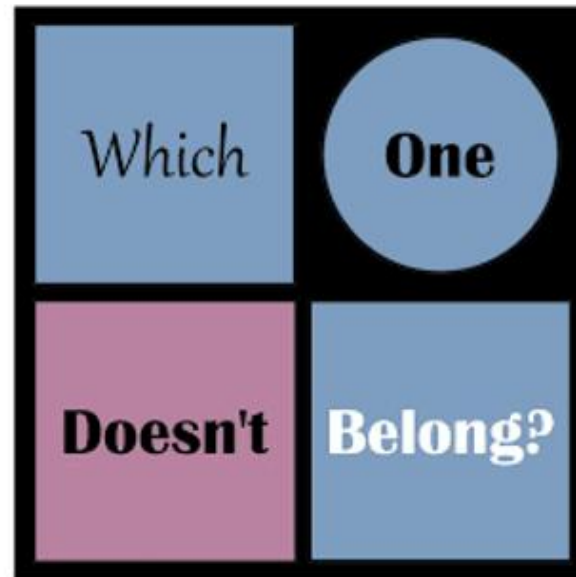**b)** 4.8 5 + 7 . 8 = 12.65

9 The total mass of the two boxes is 10.85 kg.

What could the mass of each box be? various answers.

__.__ kg

__.__ kg

How many answers can you find?

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Problem Solving

Problem Solving

- How many ways can you find?

75	65
117	52

Problem Solving

- How many different ways did you find?

- Can you explain your reasoning?