Complete the number crossword.

Across
1. The number after 285
3. The number before 400
4. The number before 463
6. The number before 790
7. The number after 888
8. The number after 499
9. The number after 109
10. The number before 1000

Down
2. The number between 849 and 851
3. The number after 344
5. The number before 222
6. The number after 729
8. The number before 520
Numbers:

Colour the right number of blocks to match the number.

a

286

d

295

e

331
We can use numeral expanders to help us express the value of digits in numbers.

Fill in the missing information.

a

\[
\begin{align*}
\text{hundreds} & : 1 \\
\text{tens} & : 1 \\
\text{ones} & : 5 \\
\end{align*}
\]

115

b

\[
\begin{align*}
\text{hundreds} & : 3 \\
\text{tens} & : 4 \\
\text{ones} & : 2 \\
\end{align*}
\]

342

c

\[
\begin{align*}
\text{hundreds} & : 1 \\
\text{tens} & : 2 \\
\text{ones} & : 5 \\
\end{align*}
\]

125

d

\[
\begin{align*}
\text{hundreds} & : 2 \\
\text{tens} & : 3 \\
\text{ones} & : 4 \\
\end{align*}
\]

234

e

\[
\begin{align*}
\text{hundreds} & : 1 \\
\text{tens} & : 2 \\
\text{ones} & : 9 \\
\end{align*}
\]

129
Operations with Number:

How many are there?

\[
\begin{align*}
\text{a} & : 2 \text{ plates of 5 is 10 altogether.} \\
\text{b} & : 3 \text{ baskets of 2 is 6 altogether.} \\
\text{c} & : 2 \text{ rows of 4 is 8 altogether.}
\end{align*}
\]

Can you turn these arrays around in your head? Write both facts.

\[
\begin{align*}
\text{a} : 3 \times 5 &= 15 \\
5 \times 3 &= 15 \\
\text{b} : 3 \times 6 &= 18 \\
6 \times 3 &= 18
\end{align*}
\]
Operations with Number:

We can use the same arrays to make multiplication and division facts. This array shows:

3 rows of 4 is 12

\[ 3 \times 4 = 12 \]

AND

12 counters divided into 3 rows is 4

\[ 12 \div 3 = 4 \]

Use the arrays to finish the number statements and facts.

a. 2 rows of 5 is

\[ 2 \times 5 = 10 \]

10 divided into 2 rows is

\[ 10 \div 2 = 5 \]

b. 4 rows of 2 is

\[ 4 \times 2 = 8 \]

8 divided into 4 rows is

\[ 8 \div 4 = 2 \]

c. 6 \times 3 = 18

\[ 18 \div 6 = 3 \]

d. 7 \times 3 = 21

\[ 21 \div 7 = 3 \]
Space and Shape:

Prisms have **2 identical end faces**. All the other faces are always **rectangles**. Prisms are named according to their end faces.

The end faces of this prism are triangles so we call it a **triangular prism**.

Look at the end faces of these solids. Choose words from the box to finish the statements.

- **a** My end faces are **rectangles**. I am a **rectangular** prism.
- **b** My end faces are **hexagons**. I am a **hexagonal** prism.
- **c** My end faces are **pentagons**. I am a **pentagonal** prism.
Space and Shape:

You are facing the way the arrow points. Colour the shape the spinner would point to if it turned:

- **a**
  - Shape: Hexagon
  - Arrow: Up
  - Colour: Left

- **b**
  - Shape: Hexagon
  - Arrow: Down
  - Colour: Right

- **c**
  - Shape: Hexagon
  - Arrow: Up
  - Colour: Right

- **d**
  - Shape: Hexagon
  - Arrow: Left
  - Colour: Right

- **e**
  - Shape: Hexagon
  - Arrow: Right
  - Colour: Left

- **f**
  - Shape: Hexagon
  - Arrow: Down
  - Colour: Left

Time and Money:

Draw the missing hands on the clocks to finish the times.

- **a**
  - Time: Quarter past 7
  - Clock: [Image of clock with quarter past 7]

- **b**
  - Time: Quarter past 12
  - Clock: [Image of clock with quarter past 12]

- **c**
  - Time: Quarter past 11
  - Clock: [Image of clock with quarter past 11]

- **d**
  - Time: Quarter past 3
  - Clock: [Image of clock with quarter past 3]