

Maths Mix Up!

Record your 'thinking' and your answers in your book.

A.

$$1. 186 = 100 + 80 + \square$$

$$2. 248 = 200 + \square + 8$$

$$3. 3597 = \square + 500 + 90 + 7$$

$$4. 11\,506 = 10\,000 + \square + 500 + 00 + 6$$

B. Continue the patterns for 2 more lines.

$$\begin{aligned} 8738 &= 8000 + 700 + 30 + 8 \\ &= 7000 + 1700 + 30 + 8 \\ &= ? + ? + 30 + 8 \\ &= ? + ? + 30 + 8 \end{aligned}$$

$$\begin{aligned} 3687 &= 3000 + 600 + 80 + 7 \\ &= ? + 1600 + 80 + 7 \\ &= ? + ? + 80 + 7 \end{aligned}$$

C. Put these numbers in descending order (largest to smallest)

1. 3974, 4397, 3794, 4379

2. 2202, 2002, 2020, 2220

D. Calculate the following: Think about which digit will change and in which column.

1. $3746 + 100 =$

2. $6983 + 100 =$

3. $5465 - 100 =$

4. $9070 - 100 =$

5. $28\,919 + 10 =$

6. $23\,004 - 1000 =$

E.

Round each number to the nearest 10.

1. 42 rounds to ?

2. 37 rounds to ?

3. 165 rounds to ?

Round each number to the nearest 100

4. 1341 rounds to ?

5. 6572 rounds to ?

6. 3925 rounds to ?

Answers:

A.

1. $186 = 100 + 80 + 6$

2. $248 = 200 + 40 + 8$

3. $3597 = 3000 + 500 + 90 + 7$

4. $11\,506 = 10\,000 + 1\,000 + 500 + 00 + 5$

B.

1. $8738 = 8000 + 700 + 30 + 8$

$= 7000 + 1700 + 30 + 8$

$= 6000 + 2700 + 30 + 8$

$= 5000 + 3700 + 30 + 8$

$3687 = 3000 + 600 + 80 + 7$

$= 2000 + 1600 + 80 + 7$

$= 1000 + 2600 + 80 + 7$

C.

1. 3974, 4397, 3794, 4379

4397, 4379, 3974, 3794

2. 2202, 2002, 2020, 2220

2220, 2202, 2020, 2002

D.

1. $3746 + 100 = 3846$

2. $6983 + 100 = 7083$

3. $5465 - 100 = 5365$

4. $9070 - 100 = 8970$

5. $28\,919 + 10 = 28\,929$

6. $23\,004 - 1000 = 22\,004$

E.

1. 42 rounds to 40

2. 37 rounds to 40

3. 165 rounds to 170

4. 1341 rounds to 1300

5. 6572 rounds to 6600

6. 3925 rounds to 4000

