

Year 5 Maths Activity Mat

Section 1

Complete these linear sequences:

| | | | | |
|------|------|--|--|--|
| 4562 | 5562 | | | |
|------|------|--|--|--|

| | | | | |
|--------|--------|--|--|--|
| 41 786 | 40 786 | | | |
|--------|--------|--|--|--|

| | | | | |
|--------|--------|--|--|--|
| 77 309 | 87 309 | | | |
|--------|--------|--|--|--|

| | | | | |
|---------|---------|--|--|--|
| 622 792 | 612 792 | | | |
|---------|---------|--|--|--|

Section 2

Put the numbers from 1 to 20 on this Carroll Diagram:

| | | |
|-------------|--------------|--------------------|
| | Prime Number | Not a Prime Number |
| Even number | | |
| Odd number | | |

Section 3

Calculate:

$40 \times 6 =$

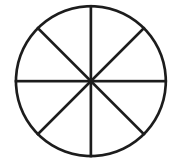
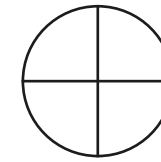
$7 \times 50 =$

$80 \times 30 =$

$1200 \times 11 =$

Section 4

Shade the following circles so the same fraction is shaded in both and write the fraction that they represent:



.....

.....

Section 5

Round the following numbers to the nearest whole number and nearest tenth:

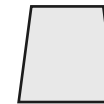
| Number | Nearest whole | Nearest tenth |
|--------|---------------|---------------|
| 16.45 | | |
| 1.06 | | |
| 2.98 | | |
| 67.59 | | |

Section 6

A bus journey starts at 16:13 and finishes at 18:05. How long is the journey?

Section 7

For each of the following shapes, explain why they are or are not a rectangle.



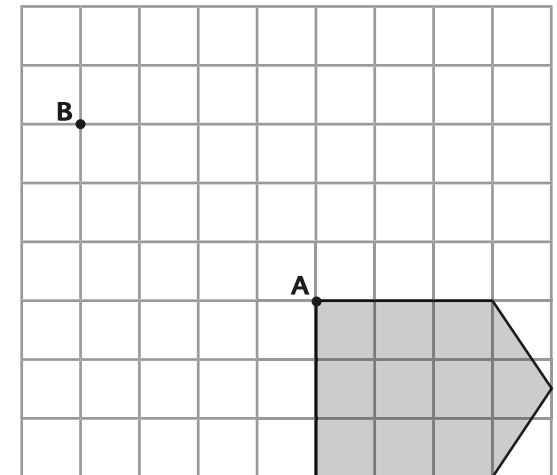
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.....

.....

Section 8

Translate this shape from point A to point B:



Year 5 Maths Activity Mat: 3

Answers

Section 1

Complete these linear sequences:

| | | | | |
|------|------|-------------|-------------|-------------|
| 4562 | 5562 | 6562 | 7562 | 8562 |
|------|------|-------------|-------------|-------------|

| | | | | |
|--------|--------|---------------|---------------|---------------|
| 41 786 | 40 786 | 39 786 | 38 786 | 37 786 |
|--------|--------|---------------|---------------|---------------|

| | | | | |
|--------|--------|---------------|----------------|----------------|
| 77 309 | 87 309 | 97 309 | 107 309 | 117 309 |
|--------|--------|---------------|----------------|----------------|

| | | | | |
|---------|---------|----------------|----------------|----------------|
| 622 792 | 612 792 | 602 792 | 592 792 | 582 792 |
|---------|---------|----------------|----------------|----------------|

Section 2

Put the numbers from 1 to 20 on this Carroll Diagram:

| | | |
|-------------|-------------------------|---------------------------------|
| | Prime Number | Not a Prime Number |
| Even number | 2 | 4, 6, 8, 10, 12, 14, 16, 18, 20 |
| Odd number | 3, 5, 7, 11, 13, 17, 19 | 1, 9, 15 |

Section 3

Calculate:

$$40 \times 6 = \boxed{240}$$

$$7 \times 50 = \boxed{350}$$

$$80 \times 30 = \boxed{2400}$$

$$1200 \times 11 = \boxed{13\ 200}$$

Section 4

Shade the following circles so the same fraction is shaded in both and write the fraction that they represent:

Open ended answers: Same fraction shaded in each shape and correct fraction written alongside.

Section 5

Round the following numbers to the nearest whole number and nearest tenth:

| Number | Nearest whole | Nearest tenth |
|--------|---------------|---------------|
| 16.45 | 16 | 16.5 |
| 1.06 | 1 | 1.1 |
| 2.98 | 3 | 3 |
| 67.59 | 68 | 67.6 |

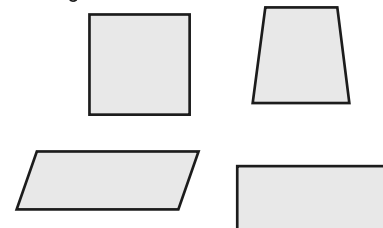
Section 6

A bus journey starts at 16:13 and finishes at 18:05. How long is the journey?

1 hour 52 minutes

Section 7

For each of the following shapes, explain why they are or are not a rectangle.



The square and oblong are rectangles because they have opposite sides of equal length and the internal angles are right angles.

Section 8

Translate this shape from point A to point B:

