Year 5 Spring 1 Maths Activity Mat 3

Section 1
Count forwards in 10s

34			

183			

Count forwards in 100s

319			

862			

Section 2
Tick the statements that are true:

3 is a prime number ☐

5 is not a prime number ☐

15 is a prime number ☐

Section 3
Calculate:

2 × 6 = ☐

5 × 8 = ☐

4 × 4 = ☐

9 × 11 = ☐

Section 4
Shade the following shapes so the same fraction is shaded in all.

Section 5
Round the following numbers to the nearest whole number:

6.4 ☐   9.6 ☐

19.5 ☐   199.7 ☐

Section 6
Jenny walks to school. It takes her 35 minutes. She leaves at 7.55 a.m. What time will she arrive at school?
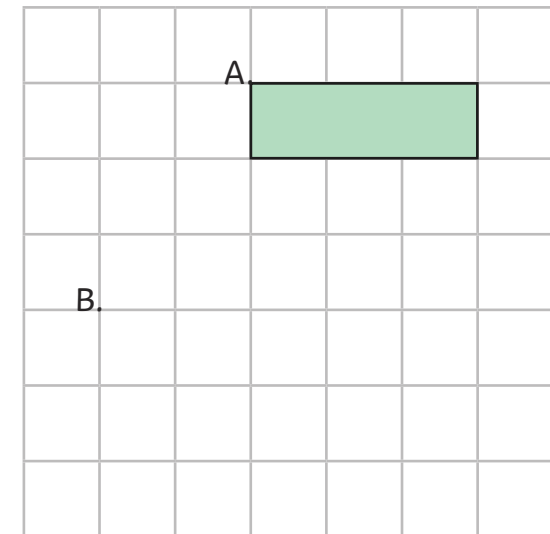
☐

Section 7
On this grid draw a rectangle where the longer side is three times the length of the shorter side.

Section 8
Translate this shape from point A to point B

A.

B.
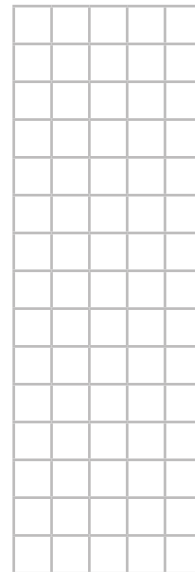
Year 5 Spring 1 Maths Activity Mat 3 Answers

Section 1

Count forwards in 10s

34	44	54	64

183	193	203	213

Count forwards in 100s

319	419	519	619

862	962	1062	1162

Section 2

Tick the statements that are true:

3 is a prime number ✓

5 is not a prime number ☐

15 is a prime number ☐

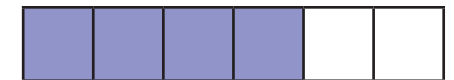## Section 3

Calculate:

$2 \times 6 =$ 12

$5 \times 8 =$ 40

$4 \times 4 =$ 16

$9 \times 11 =$ 99

Section 4

Shade the following shapes so the same fraction is shaded in all.

Section 5

Round the following numbers to the nearest whole number:

6.4 → 6

9.6 → 10

19.5 → 20

199.7 → 200

Section 6

Jenny walks to school. It takes her 35 minutes. She leaves at 7.55 a.m. What time will she arrive at school?
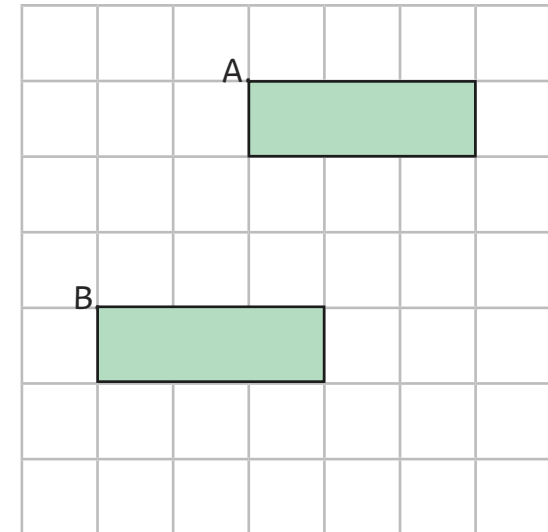
8.30 a.m.

Section 7

On this grid draw a rectangle where the longer side is three times the length of the shorter side.

various answers e.g. 15 × 5, 12 × 4, 9 × 3, 6 × 2, 3 × 1

Section 8

Translate this shape from point A to point B

Year 5 Spring 1 Maths Activity Mat 3

Section 1
Complete these linear sequences:

2765, 2775, _____, _____, _____

81 023, 81 123, _____, _____, _____

48 004, 49 004, _____, _____, _____

238 826, 248 826, _____, _____, _____

Section 2
Tick the statements that are true:

2 and 3 are prime numbers ☐

4 and 5 are not both prime numbers ☐

Both 11 and 15 are not prime numbers. ☐
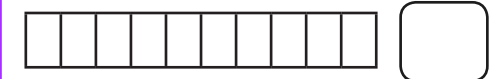
Section 3
Calculate:

20 × 6 = ☐

5 × 80 = ☐

40 × 40 = ☐

9 × 1100 = ☐

Section 4
Shade the following shapes so the same fraction is shaded in all and write the fraction shaded.

Section 5
Round the following numbers to the nearest tenth:

20.45 ☐   8.05 ☐

1.29 ☐   7.77 ☐

Section 6
Jenny goes with her dad to visit her grandfather. The journey lasts 1 hour and 52 minutes. They arrive at 11:09. What time did they leave? ☐

Section 7
Use a ruler to draw a rectangle where the longer side is three times the length of the shorter side.

Section 8
Translate this shape from point A to point B

Year 5 Spring 1 Maths Activity Mat 3 Answers

Section 1
Complete these linear sequences:

2765, 2775, 2785, 2795, 2805

81 023, 81 123, 81 223, 81 323, 81 423

48 004, 49 004, 50 004, 51 004, 52 004

238 826, 248 826, 258 826, 268 826, 278 826

Section 2
Tick the statements that are true:

2 and 3 are prime numbers ✓

4 and 5 are not both prime numbers ✓

Both 11 and 15 are not prime numbers. ☐
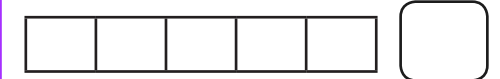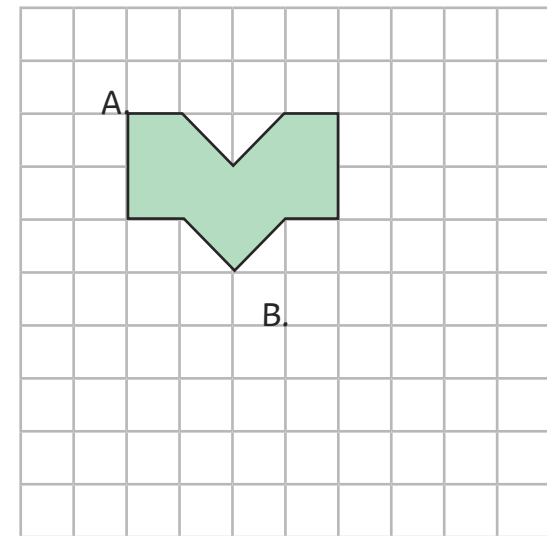
Section 3
Calculate:

20 × 6 = 120

5 × 80 = 400

40 × 40 = 1600

9 × 1100 = 9900

Section 4
Shade the following shapes so the same fraction is shaded in all and write the fraction shaded.

Answers will vary

Section 5
Round the following numbers to the nearest tenth:

20.45 → 20.5   8.05 → 8.1

1.29 → 1.3   7.77 → 7.8

Section 6
Jenny goes with her dad to visit her grandfather. The journey lasts 1 hour and 52 minutes. They arrive at 11:09. What time did they leave?
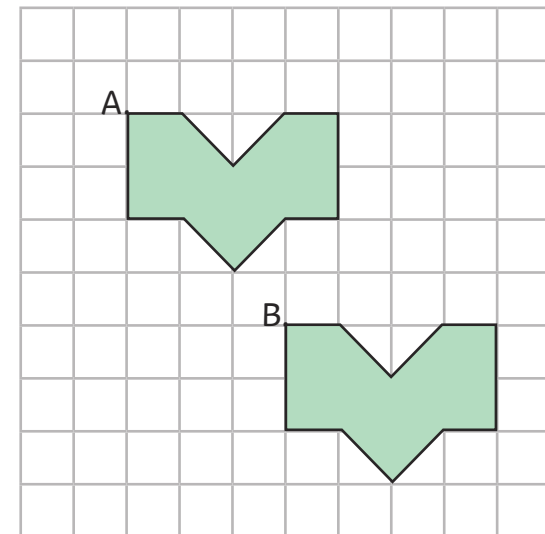
09:17

Section 7
Use a ruler to draw a rectangle where the longer side is three times the length of the shorter side.

Answers will vary

Section 8
Translate this shape from point A to point B

Year 5 Spring 1 Maths Activity Mat 3

Section 1
Complete these linear sequences:

		3602	2602	
5668		5868		
	23 889		43 889	
20 467			20 167	

Section 2
Write a true statement and a false statement about prime numbers using the following:

2, 3, 5, 7, 11, 13, 17, 19

True: _____

_____

False: _____

_____

Section 3
Calculate:

20 × 0.6 = ☐

500 × 80 = ☐

£0.40 × 40 = ☐

0.9 × 0.11 = ☐

Section 4
Circle the fractions that are equivalent to the first fraction in each line:

| $\frac{1}{2}$	$\frac{3}{6}$	$\frac{6}{16}$	$\frac{10}{20}$	$\frac{11}{24}$
$\frac{2}{3}$	$\frac{5}{6}$	$\frac{8}{12}$	$\frac{10}{15}$	$\frac{11}{16}$
$\frac{3}{5}$	$\frac{5}{8}$	$\frac{6}{10}$	$\frac{9}{15}$	$\frac{12}{20}$

Section 5
A farmer measures a fence to be 64.5m long and says to one of the farm workers, "The fence is 70m to the nearest 10m." Explain why the farmer is wrong and why the mistake may have been made. ☐

Section 6
Jenny and some friends watch a trilogy of films back to back with a break of 15 minutes between each. The films are 108, 124 and 87 minutes long. They start at 09:15. What time will they finish? ☐

Section 7
Use a ruler to draw a rectangle with a perimeter of 10cm and an area of 6cm².

Section 8
Translate this shape from point A to point B
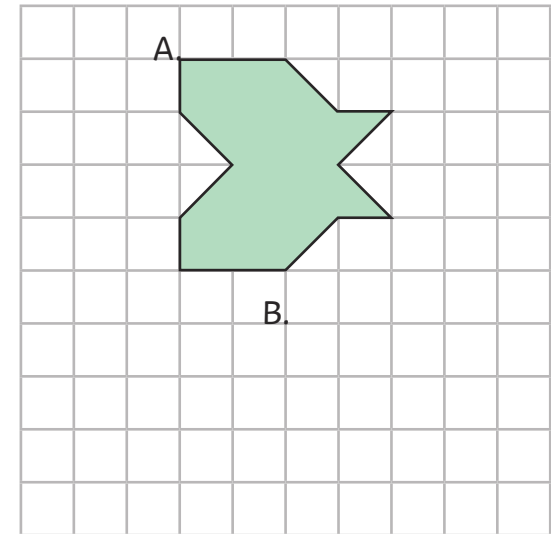
Year 5 Spring 1 Maths Activity Mat 3 Answers

Section 1
Complete these linear sequences:

5602	4602	3602	2602	1602

5668	5768	5868	5968	6068

13 889	23 889	33 889	43 889	53 889

20 467	20 367	20 267	20 167	20 067

Section 2
Write a true statement and a false statement about prime numbers using the following:

2, 3, 5, 7, 11, 13, 17, 19

Answers will vary

Section 3
Calculate:

$20 \times 0.6 =$ 12

$500 \times 80 =$ 40 000

$£0.40 \times 40 =$ £16

$0.9 \times 0.11 =$ 0.1089

Section 4
Circle the fractions that are equivalent to the first fraction in each line:

$\frac{1}{2}$ $\frac{3}{6}$ $\frac{6}{16}$ $\frac{10}{20}$ $\frac{11}{24}$

$\frac{2}{3}$ $\frac{5}{6}$ $\frac{8}{12}$ $\frac{10}{15}$ $\frac{11}{16}$

$\frac{3}{5}$ $\frac{5}{8}$ $\frac{6}{10}$ $\frac{9}{15}$ $\frac{12}{20}$

Section 5
64.5 rounded to the nearest 10 takes into account the 4 in 64 and rounds down to 60m. The farmer may have been confused by the 5 in 64.5 and rounded up to 70. Other answers may be acceptable.
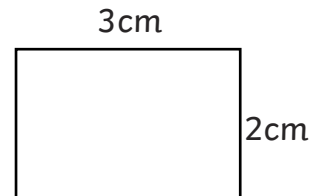
Section 6
Jenny and some friends watch a trilogy of films back to back with a break of 15 minutes between each. The films are 108, 124 and 87 minutes long. They start at 09:15. What time will they finish?

15:04

Section 7
Use a ruler to draw a rectangle with a perimeter of 10cm and an area of 6cm².

3cm
2cm

Other answers may be acceptable.

Section 8
Translate this shape from point A to point B