

# Year 5 Autumn 2 Maths Activity Mat 3

## Section 1

Count backwards in 10s.

76			
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219			
-----	--	--	--

Count backwards in 100s.

701			
-----	--	--	--

1180			
------	--	--	--

## Section 2

Write 3 prime numbers between 0 and 10.

## Section 3

Calculate:

$5 \times 8 =$

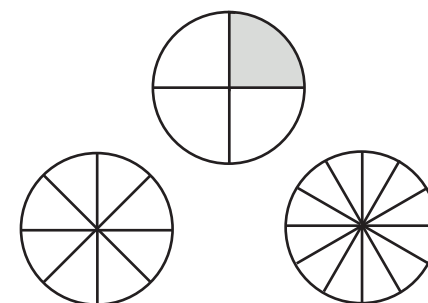
$9 \times 7 =$

$4 \times 6 =$

$11 \times 10 =$

## Section 4

Shade the other two circles so that the same fraction is shaded in all of them.



## Section 5

Round the following numbers to the nearest whole number:

8.8

7.5

12.7

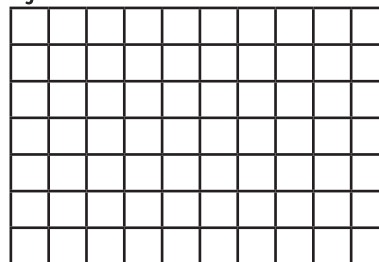
34.2

## Section 6

Osman runs for 35 minutes, finishing at 4.20pm. What time did he start?

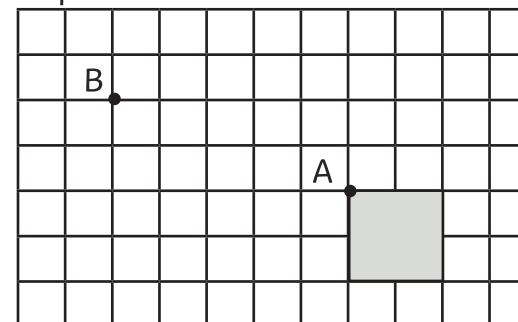
## Section 7

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



## Section 8

Translate this shape from point A to point B.



# Year 5 Autumn 2 Maths Activity Mat 3 **Answers**

## Section 1

Count backwards in 10s.

76	<b>66</b>	56	46
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219	<b>209</b>	199	189
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Count backwards in 100s.

701	<b>601</b>	501	401
-----	------------	-----	-----

1180	<b>1080</b>	980	880
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## Section 2

Write 3 prime numbers between 0 and 10.

**3 of 2, 3, 5 or 7**

## Section 3

Calculate:

$$5 \times 8 = \boxed{40}$$

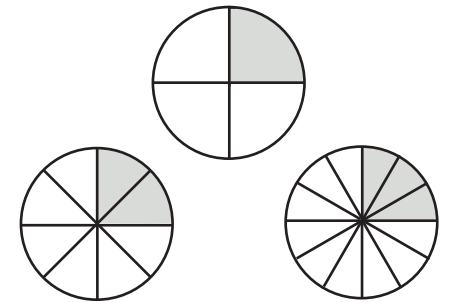
$$9 \times 7 = \boxed{63}$$

$$4 \times 6 = \boxed{24}$$

$$11 \times 10 = \boxed{110}$$

## Section 4

Shade the other two circles so that the same fraction is shaded in all of them.



## Section 5

Round the following numbers to the nearest whole number:

8.8      **9**

7.5      **8**

12.7      **13**

34.2      **34**

## Section 6

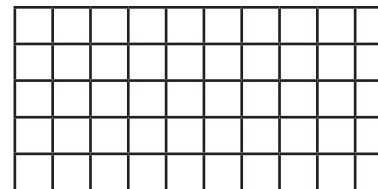
Osman runs for 35 minutes, finishing at 4.20pm. What time did he start?

**3.45pm**

## Section 7

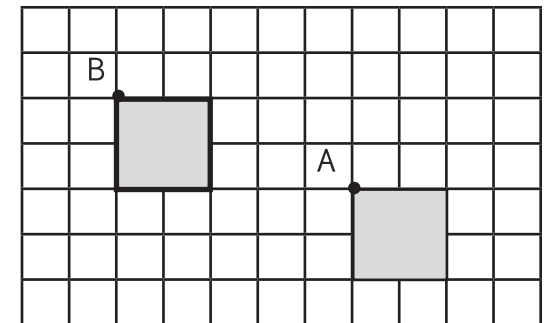
On this grid draw a rectangle where the longer side is one and a half times the length of the shorter side.

**Various answers e.g. 9 x 6,  
6 x 4, 3 x 2**



## Section 8

Translate this shape from point A to point B.



# Year 5 Autumn 2 Maths Activity Mat 3

## Section 1

Continue these linear sequences:

973	1973			
-----	------	--	--	--

12901	11901			
-------	-------	--	--	--

77717	67717			
-------	-------	--	--	--

87612	97612			
-------	-------	--	--	--

## Section 2

Write all the prime numbers between 0 and 20.

## Section 3

Calculate:

$$5 \times 80 = \boxed{\phantom{000}}$$

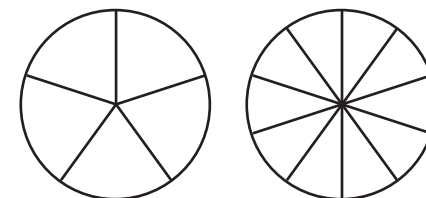
$$90 \times 7 = \boxed{\phantom{000}}$$

$$40 \times 60 = \boxed{\phantom{000}}$$

$$110 \times 100 = \boxed{\phantom{000}}$$

## 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 the nearest tenth:

6.12       

8.55       

19.04       

79.95       

## Section 6

Osman cycles for 136 minutes, finishing at 17:12. What time did he start?

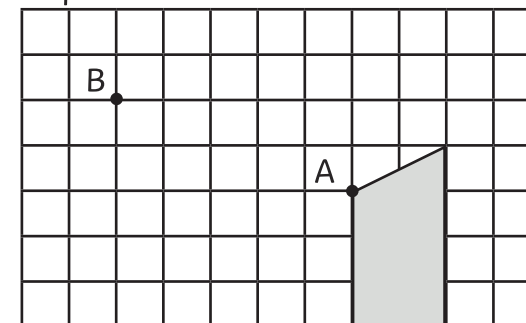
:

## Section 7

Use a ruler to draw a rectangle where the longer side is one and a half times the length of the shorter side.

## Section 8

Translate this shape from point A to point B.



# Year 5 Autumn 2 Maths Activity Mat 3 **Answers**

## Section 1

Continue these linear sequences:

973	1973	<b>2973</b>	<b>3973</b>	<b>4973</b>
-----	------	-------------	-------------	-------------

12901	11901	<b>10901</b>	<b>9901</b>	<b>8901</b>
-------	-------	--------------	-------------	-------------

77717	67717	<b>57717</b>	<b>47717</b>	<b>37717</b>
-------	-------	--------------	--------------	--------------

87612	97612	<b>107612</b>	<b>117612</b>	<b>127612</b>
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## Section 2

Write all the prime numbers between 0 and 20.

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

## Section 3

Calculate:

$5 \times 80 =$

**400**

$90 \times 7 =$

**630**

$40 \times 60 =$

**2400**

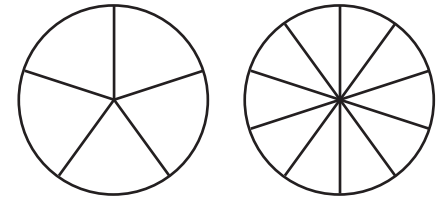
$110 \times 100 =$

**11000**

## Section 4

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

**Various answers, must be 2 equivalent fractions.**



## Section 5

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

6.12      **6**      **6.1**

8.55      **9**      **8.6**

19.04      **19**      **19**

79.95      **80**      **80**

## Section 6

Osman cycles for 136 minutes, finishing at 17:12. What time did he start?

**14:56**

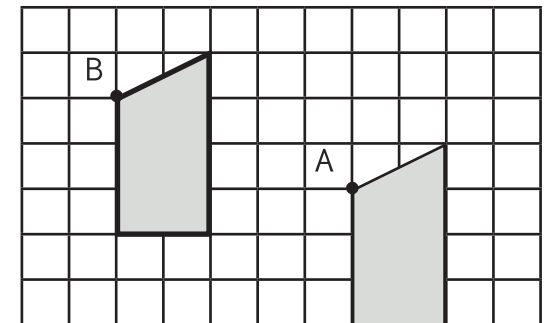
## Section 7

Use a ruler to draw a rectangle where the longer side is one and a half times the length of the shorter side.

**Various answers**

## Section 8

Translate this shape from point A to point B.



# Year 5 Autumn 2 Maths Activity Mat 3

## Section 1

Continue these linear sequences:

2020		4040		
			7200	6100
	89234		111234	
102102				502502

## Section 2

Write all the prime numbers between 20 and 50.

## Section 3

Calculate:

$0.5 \times 8 =$

$90 \times \text{£}0.70 =$

$0.4 \times 0.6 =$

$1.1 \times 100 =$

## Section 4

Draw 2 more rectangles to show two other equivalent fractions, writing the fractions represented underneath.


## Section 5

George has some money divided into 2 piles. One pile is twice the value of the other, and the total of the two piles is rounded to £2.20 to the nearest 10p. One of the piles is odd. How much is in each pile?

## Section 6

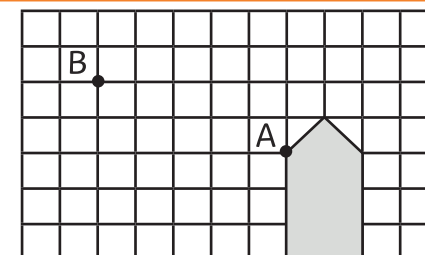
Osman cycles for 158 minutes. He stopped half way for 14 minutes and started riding again at 16:43. What time did he start? (The 14 minutes stopped are not included in the 158 minutes riding.)

## Section 7

Use a ruler to draw a rectangle where the longer side is one and a half times the length of the shorter side, and the area is  $13.5\text{cm}^2$ .

## Section 8

Translate this shape from point A to point B.



# Year 5 Autumn 2 Maths Activity Mat 3 Answers

## Section 1

Continue these linear sequences:

2020	<b>3030</b>	4040	<b>5050</b>	<b>6060</b>
<b>10500</b>	<b>9400</b>	<b>8300</b>	7200	6100
<b>78234</b>	89234	<b>100234</b>	111234	<b>122234</b>
102102	<b>202202</b>	<b>302302</b>	<b>402402</b>	502502

## Section 2

Write all the prime numbers between 20 and 50.

**23, 29, 31, 37, 41, 43, 47**

## Section 3

Calculate:

$$0.5 \times 8 =$$

**4**

$$90 \times \text{£}0.70 =$$

**£6.30**

$$0.4 \times 0.6 =$$

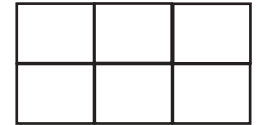
**0.24**

$$1.1 \times 100 =$$

**110**

## Section 4

Draw 2 more rectangles to show two other equivalent fractions, writing the fractions represented underneath.



**1/3, 3/9 or 4/12 etc.**

## Section 5

George has some money divided into 2 piles. One pile is twice the value of the other, and the total of the two piles is rounded to £2.20 to the nearest 10p. One of the piles is odd. How much is in each pile?

**£1.46 & 73p**

## Section 6

Osman cycles for 158 minutes. He stopped half way for 14 minutes and started riding again at 1643. What time did he start? (The 14 minutes stopped are not included in the 158 minutes riding.)

**15:10**

## Section 7

Use a ruler to draw a rectangle where the longer side is one and a half times the length of the shorter side, and the area is  $13.5\text{cm}^2$ .

**4.5cm x 3cm**

## Section 8

Translate this shape from point A to point B.

