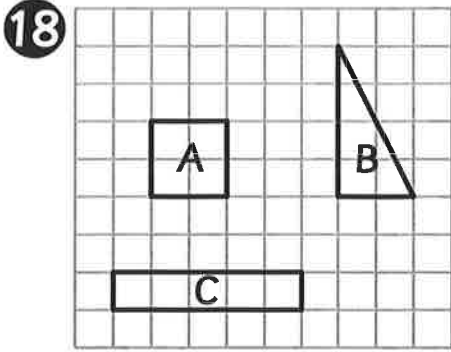


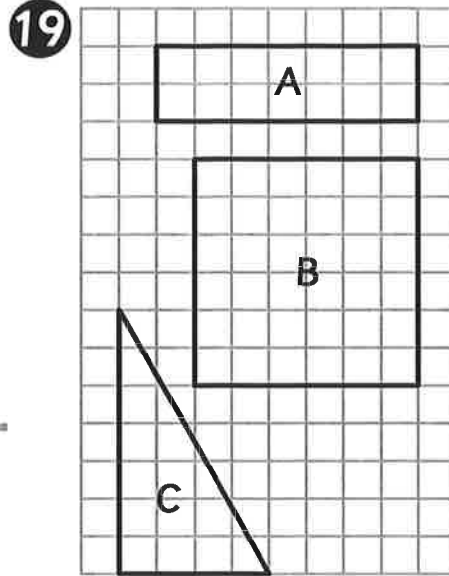
Name: \_\_\_\_\_

Class: \_\_\_\_\_

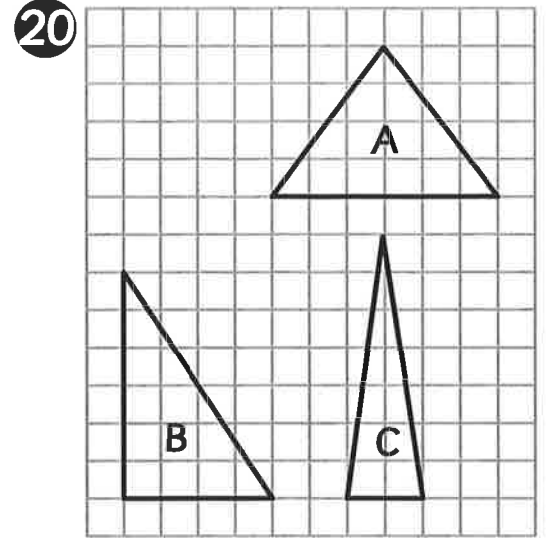
Which of these shapes have the same area?



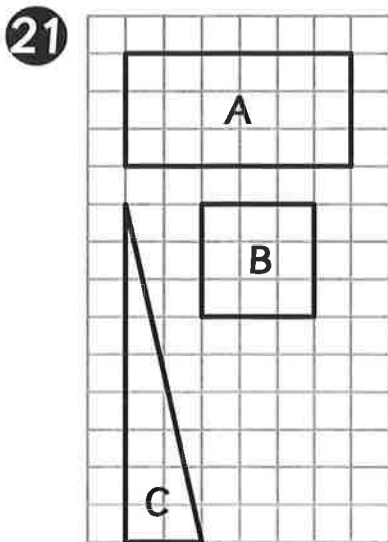
Answer =   A   ,   B  



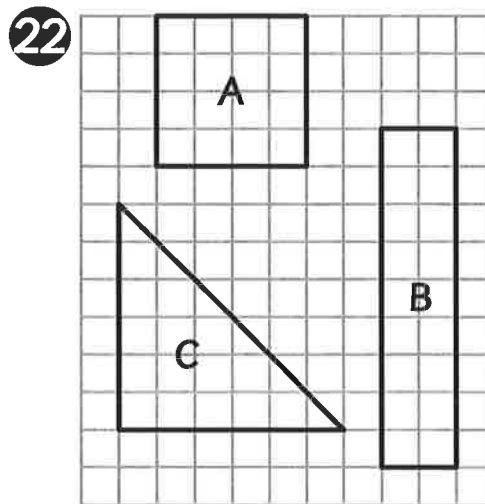
Answer =   A   ,   C  



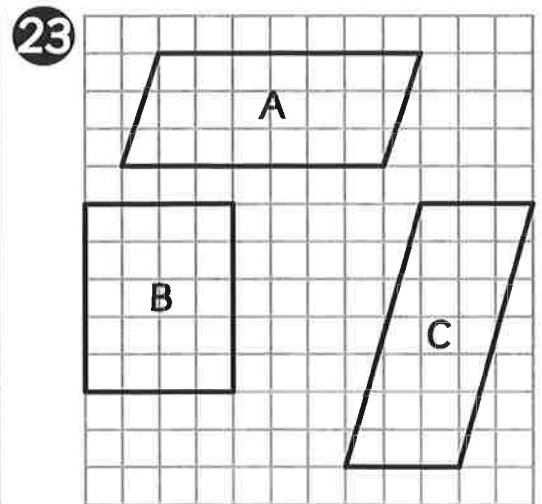
Answer =   A   ,   B  



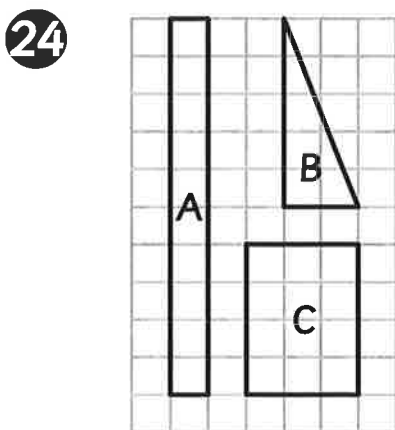
Answer =   C   ,   B  



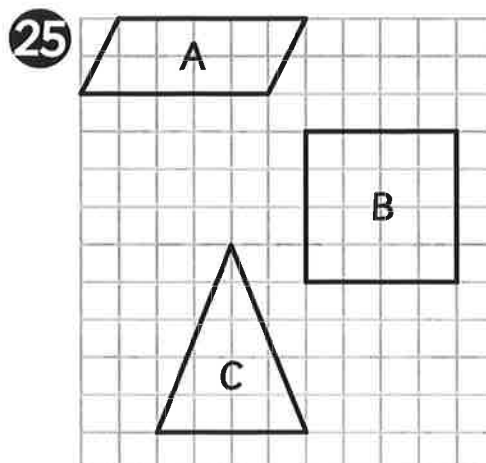
Answer =   C   ,   B  



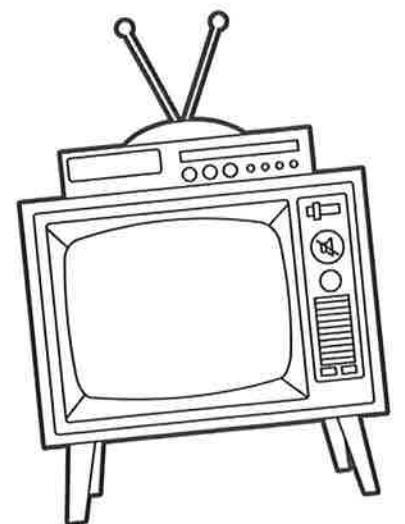
Answer =   A   ,   C  



Answer =   A   ,   B  

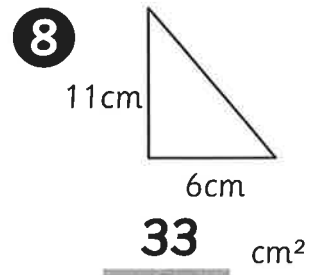
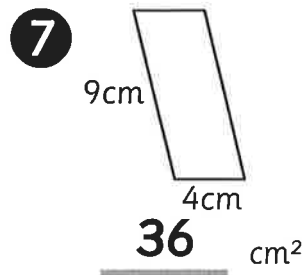
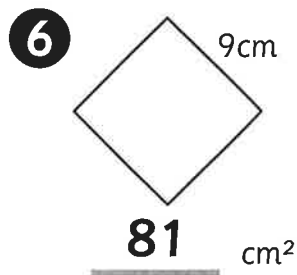
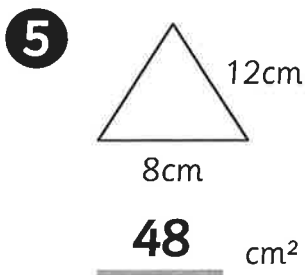
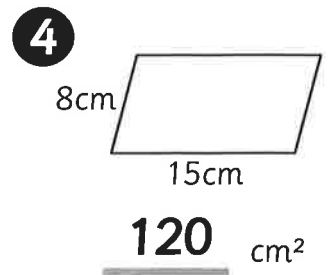
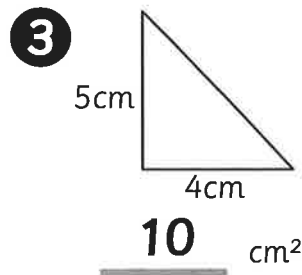
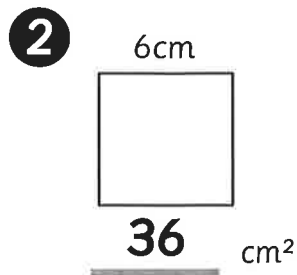
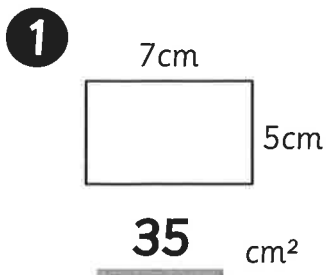


Answer =   A   ,   C  



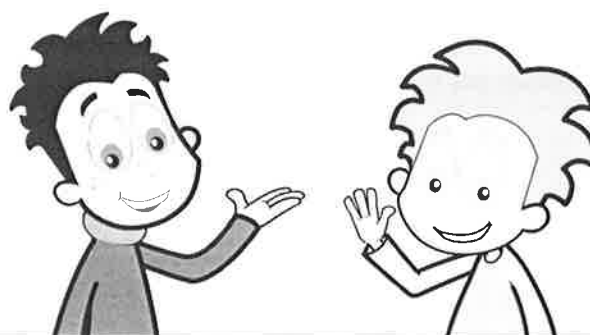
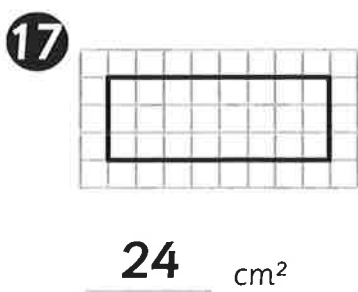
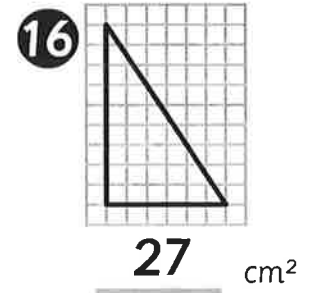
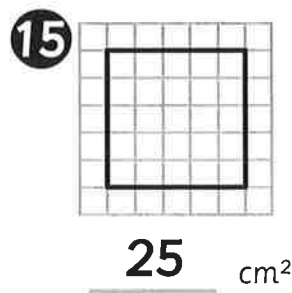
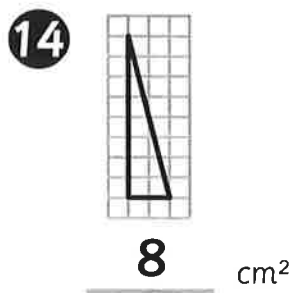
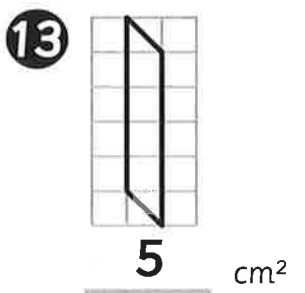
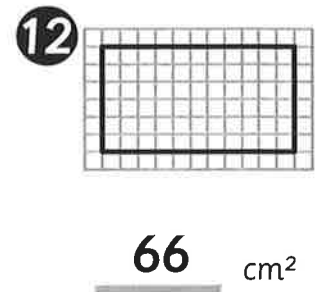
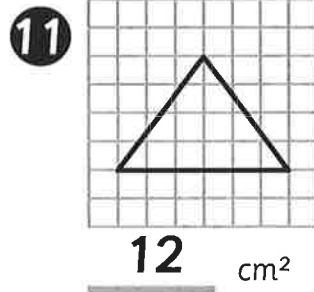
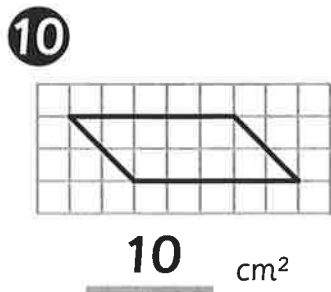
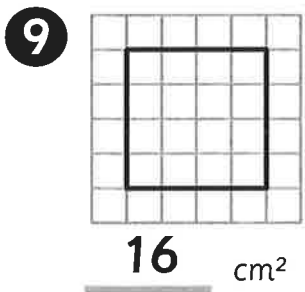
Name: \_\_\_\_\_ Class: \_\_\_\_\_

What is the area of these shapes?



What is the area of these shapes?

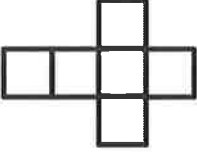



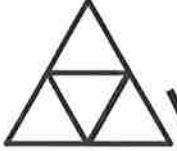



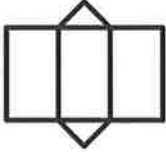

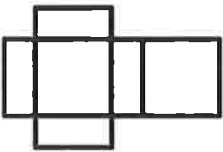



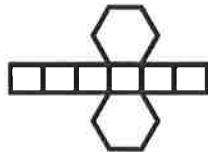
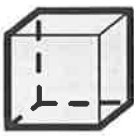
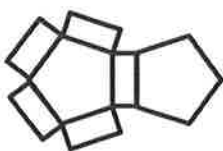

**Key: 1 square = 1cm<sup>2</sup>**



Name: \_\_\_\_\_

Class: \_\_\_\_\_

Look at these nets. Join them to their shapes with a line and then name them.

Net	3-D Shape	Name
		Cylinder
		Cone
		Cuboid
		Triangular prism
		Hexagonal prism
		Triangular based pyramid
		Square based pyramid
		Cube
		Pentagonal prism



Name: \_\_\_\_\_ Class: \_\_\_\_\_

Complete the following multiplication and division questions.

1  $1.32 \times 10 =$  13.2

10  $32 \div 10 =$  3.2

2  $73.3 \times 10 =$  733

11  $4.84 \div 10 =$  0.484

3  $0.654 \times 10 =$  6.54

12  $10.3 \div 10 =$  1.03

4  $53.2 \times 100 =$  5,320

13  $50.32 \div 100 =$  0.5032

5  $9.4 \times 100 =$  940

14  $80.5 \div 100 =$  0.805

6  $93.2 \times 100 =$  9,320

15  $6.5 \div 100 =$  0.065

7  $0.124 \times 1,000 =$  124

16  $820.6 \div 1,000 =$  0.8206

8  $0.302 \times 1,000 =$  302

17  $405 \div 1,000 =$  0.405

9  $6.004 \times 1,000 =$  6,004

18  $9,500 \div 1,000 =$  9.5

Complete these number sentences, by adding 10, 100 or 1,000.

19  $56 \times$  10  $= 560$

24  $1,897 \div$  100  $= 18.97$

20  $0.41 \times$  100  $= 41$

25  $63 \times$  1,000  $= 63,000$

21  $6.09 \times$  100  $= 609$

26  $4.9 \times$  100  $= 490$

22  $26.09 \div$  100  $= 0.2609$

27  $830 \div$  1,000  $= 0.83$

23  $259 \div$  10  $= 25.9$

28  $52.1 \div$  100  $= 0.521$

Name: \_\_\_\_\_ Class: \_\_\_\_\_

Answer the unequal sharing and grouping questions below.

- 1** Tickets for race day cost £40 for adults and £10 for children. On Saturday, the organisers sold £500 worth of tickets. If  $\frac{2}{5}$  of the money made came from adult tickets, how many children's tickets were sold?  
**30**
- 2** In one year, Sten and Stig have won 81 races altogether. If Sten has won  $\frac{4}{9}$  of those races, how many races have they each won?  
**Sten = 36 Stig = 45**
- 3** The length of the race track is 3km. Sten's car breaks down after he has driven around  $\frac{5}{12}$  of the track. How much further did Sten need to travel to complete a lap in km?  
**1.75 km**
- 4** Sten's car is 40cm longer than Stig's car and Stig's car is 40cm longer than Klara's car. If the length of all the cars together is 7.2m metres, how long are each of the cars in metres?  
**Stig = 2.4m, Sten = 2.8m, Klara = 2m**
- 5** There are 24 cars with Sten's car, lined up for the race. If there are five times as many cars in front of Sten's car as there are behind his car, how many cars are in front of Sten's car?  
**20**
- 6** There are 3 different teams taking part in the race.  $\frac{3}{8}$  of the cars are in Sten's team and  $\frac{1}{4}$  are in Stig's team. If there are 24 cars in the race altogether, how many cars are in Klara's team?  
**9**
- 7** Lights are situated around the side of the race track which is 6km long. If the lights are evenly spaced with the distance between them measuring  $\frac{1}{25}$  of the length of the race track, what is the distance between each of the lights in metres?  
**240m**
- 8** There are 24 trophies to be won over a one year period. Only Stig, Sten and Klara have ever won trophies. If Klara won twice as many as Sten and Stig won three times as many as Sten, how many trophies did they each win?  
**Stig = 12, Sten = 4, Klara = 8**



Name: \_\_\_\_\_ Class: \_\_\_\_\_

Answer the questions.

- |   |  |
|---|--|
| <p><b>1</b> Round 465,565 to the nearest ten.<br/><u>465,570</u></p>                  | <p><b>2</b> Round 2,891,767 to the nearest hundred thousand.<br/><u>2,900,000</u></p>    |
| <p><b>3</b> Round 10,465,678 to the nearest ten thousand.<br/><u>10,470,000</u></p>   | <p><b>4</b> Round 9,461,866 to the nearest ten.<br/><u>9,461,870</u></p>                 |
| <p><b>5</b> Round 10,466,565 to the nearest ten thousand.<br/><u>10,470,000</u></p>   | <p><b>6</b> Round 55,869 to the nearest thousand.<br/><u>56,000</u></p>                  |
| <p><b>7</b> Round 5,123,456 to the nearest hundred thousand.<br/><u>5,100,000</u></p> | <p><b>8</b> Round 78,234 to the nearest thousand.<br/><u>78,000</u></p>                  |
| <p><b>9</b> Round 871,364 to the nearest hundred.<br/><u>871,400</u></p>              | <p><b>10</b> Round 8,888,888 to the nearest million.<br/><u>9,000,000</u></p>            |
| <p><b>11</b> Round 895,565 to the nearest hundred thousand.<br/><u>900,000</u></p>    | <p><b>12</b> Round 1,253 to the nearest hundred.<br/><u>1,300</u></p>                    |
| <p><b>13</b> Round 41,324 to the nearest thousand.<br/><u>41,000</u></p>              | <p><b>14</b> Round 978,123 to the nearest ten thousand.<br/><u>980,000</u></p>           |
| <p><b>15</b> Round 3,465,699 to the nearest hundred.<br/><u>3,465,700</u></p>         | <p><b>16</b> Round 10,456,234 to the nearest hundred thousand.<br/><u>10,500,000</u></p> |
| <p><b>17</b> Round 7,451,099 to the nearest hundred.<br/><u>7,451,100</u></p>         | <p><b>18</b> Round 100,078 to the nearest ten.<br/><u>100,080</u></p>                    |
| <p><b>19</b> Round 1,246 to the nearest hundred.<br/><u>1,200</u></p>                 |  |
| <p><b>20</b> Round 9,865,456 to the nearest ten million.<br/><u>10,000,000</u></p>    |  |

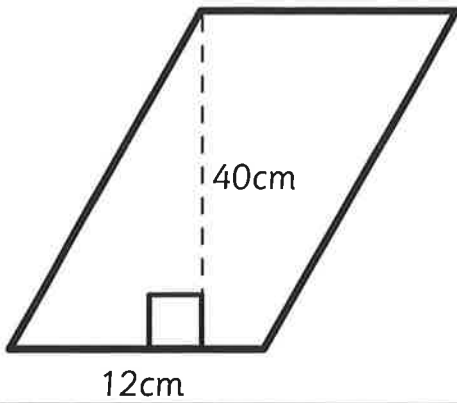




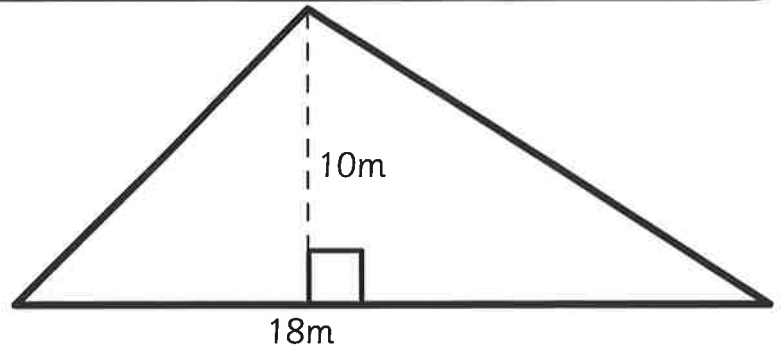
Name: \_\_\_\_\_

Class: \_\_\_\_\_

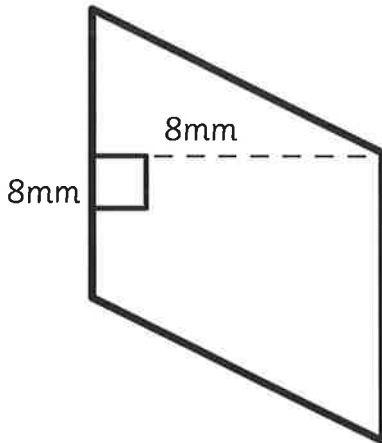
Find the area of each figure.



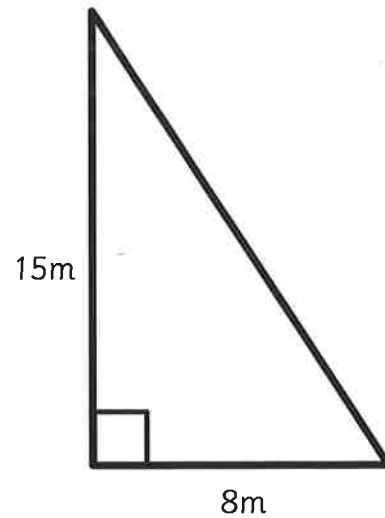
**480cm<sup>2</sup>**



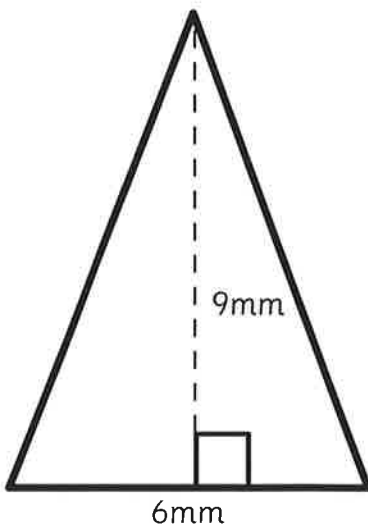
**90m<sup>2</sup>**



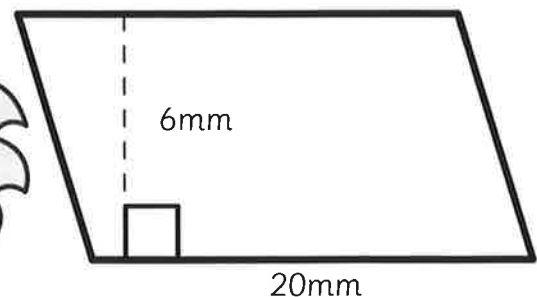
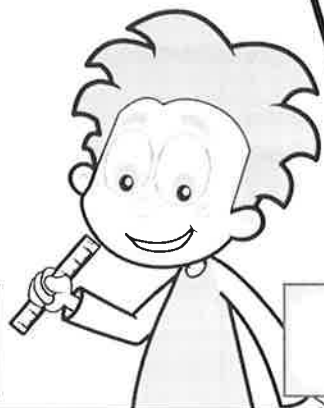
**64mm<sup>2</sup>**



**60m<sup>2</sup>**



**27mm<sup>2</sup>**



**120mm<sup>2</sup>**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Complete the table. The first row has been completed for you.

	Fraction	Decimal	Percent
①	$\frac{1}{2}$	0.5	50%
②	$\frac{1}{10}$	0.1	10%
③	$\frac{4}{5}$	0.8	80%
④	$\frac{13}{20}$	0.65	65%
⑤	$\frac{3}{10}$	0.3	30%
⑥	$\frac{3}{20}$	0.15	15%
⑦	$\frac{1}{5}$	0.2	20%
⑧	$\frac{17}{20}$	0.85	85%
⑨	$\frac{7}{10}$	0.7	70%
⑩	$\frac{11}{20}$	0.55	55%
⑪	$\frac{2}{5}$	0.4	40%
⑫	$\frac{1}{4}$	0.25	25%
⑬	$\frac{9}{20}$	0.45	45%
⑭	$\frac{3}{4}$	0.75	75%
⑮	$\frac{3}{5}$	0.6	60%





Name: \_\_\_\_\_ Class: \_\_\_\_\_

Complete the table to show each of the distances in kilometres and miles.

Miles	Kilometres
35	<b>56</b>
<b>25</b>	40
<b>30</b>	48
45	<b>72</b>
<b>15</b>	24
60	<b>96</b>
<b>90</b>	144
120	<b>192</b>
<b>65</b>	104
250	<b>400</b>
80	<b>128</b>
<b>150</b>	240

