

Using known facts to help with divisions Sheet 1

Work out 20×6 , 30×6 , 40×6 , 20×7 , 30×7 , 40×7 , 20×8 , 30×8 and 40×8 .

Use these facts to work out the exact answer to these divisions:

1. $129 \div 6$
2. $147 \div 7$
3. $164 \div 8$
4. $122 \div 6$
5. $162 \div 8$
6. $166 \div 8$
7. $183 \div 6$
8. $224 \div 7$
9. $244 \div 8$
10. $255 \div 6$
11. $287 \div 7$
12. $332 \div 8$

Now make up your own divisions that you can work out using the multiplication facts.

Using known facts to help with divisions Sheet 2

Work out 20×6 , 30×6 , 40×6 , 20×7 , 30×7 , 40×7 , 20×8 , 30×8 and 40×8 .

Use these facts to work out the exact answer to these divisions:

1. $135 \div 6$
2. $154 \div 7$
3. $172 \div 8$
4. $128 \div 6$
5. $170 \div 8$
6. $174 \div 8$
7. $195 \div 6$
8. $238 \div 7$
9. $270 \div 8$
10. $261 \div 6$
11. $294 \div 7$
12. $332 \div 8$

Now make up your own divisions that you can work out using the multiplication facts.

Multiplication and division word problems

Sheet 1

1. A tea shop has 23 boxes of herbal tea. They come in boxes of 20 tea bags. How many tea bags do they have?

5. A family of 6 go out for a birthday meal. The bill comes to £63. How much does the meal cost per person?

2. The tea shop has 84 slices of cake left. If a cake is cut into 8 slices how many cakes is this?

6. A bus route is 17 miles. If the driver drives it 20 times in a day, how many miles is that?

3. 16 children in Year 5 have each brought 20p to buy a snack at break time. How much money have they brought in altogether?

7. A school has 147 children equally split between 7 classes. How many children are in each class?

4. How many weeks are in 91 days?

8. A top distance runner takes an average time of 5 minutes to run a mile. How long will it take to run 14 miles?

Multiplication and division word problems

Sheet 2

1. A tea shop has 49 boxes of herbal tea. They come in boxes of 20 tea bags. How many tea bags do they have?

5. A family of 6 go out for a birthday meal. The bill comes to £75. How much does the meal cost per person?

2. The tea shop has 92 slices of cake left. If a cake is cut into 8 slices how many cakes is this?

6. A bus route is 38 miles. If the driver drives it 15 times in a day, how many miles is that?

3. 32 children in Year 5 have each brought 20p to buy a snack at break time. How much money have they brought in altogether?

7. A school has 217 children equally split between 7 classes. How many children are in each class?

4. How many weeks are in 154 days?

8. A top distance runner takes an average time of 5 minutes to run a mile. How long will it take to run 26 miles?

Multiplication and division word problems

Sheet 3

1. A tea shop has 59 boxes of herbal tea. They come in boxes of 20 tea bags. How many tea bags do they have?

5. A family of 6 go out for a birthday meal. The bill comes to £81. How much does the meal cost per person?

2. The tea shop has 90 slices of cake left. If a cake is cut into 8 slices how many cakes is this?

6. A bus route is 32 miles. If the driver drives it 19 times in a day, how many miles is that?

3. 37 children in Year 5 have each brought 20p to buy a snack at break time. How much money have they brought in altogether?

7. A school has 203 children equally split between 7 classes. How many children are in each class?

4. How many weeks are in 224 days?

8. A top distance runner takes an average time of 5 minutes to run a mile. How long will it take to run 27 miles?

Holiday word problems Sheet 1

1. The Smith family are going for a day out. The seaside town they are visiting is 96 miles away. So far they are $\frac{1}{3}$ of the way there. How much further do they have to go?

2. Four brothers and sisters have been putting small change into a jar to save for holiday spending money. They have saved £104 and their grandparents give them an extra £20. How much money do they have each?

3. A plane's average speed is 223mph. How far will it have flown after 3 hours?

7. The temperature is 38°C in Greece today and only -3°C in Iceland, what is the difference between the two temperatures?

4. A family of four are going camping with their dog. The camp site charges £13 per night for a family tent for 4, and £2.50 per night for a dog. What will the cost be for one week?

5. The population of a moorland village is 2357. One Sunday in August, there are 472 visitors to the village, making good use of the tea shops! 426 villagers have gone out for the day; how many people are in the village?

6. A family are looking for a last minute holiday. They see a holiday cottage advertised online for £450, with 10% off. What will be the reduced price?

Now make up your own holiday word problems for someone else to solve.
You must be able to work out the answer yourself!

Holiday word problems Sheet 2

1. The temperature is 38°C in Greece today and only -3°C in Iceland, what is the difference between the two temperatures?

4. A plane's average speed is 247mph. How far will it have flown after 3 hours?

2. The Smith family are going for a day out. The seaside town they are visiting is 133 miles away. So far they are $\frac{2}{3}$ of the way there. How much further do they have to go?

5. The population of a historical town is 32,357. One Sunday in August, there are 1472 visitors to the town, visiting the sites. 2783 local people have gone out for the day; how many people are in the town?

3. Four brothers and sisters have been putting small change into a jar to save for holiday spending money. They have saved £134 and their grandparents give them an extra £40. How much money do they have each?

6. A family are looking for a last minute holiday. They see a holiday cottage advertised online for £450, with 20% off. What will be the reduced price?

7. A mum and her two children are having a day out. They go to a theme park and buy a family ticket for £34.50, have lunch which costs £18.46 and snacks totalling £7.84. Their budget for the day was £80. How much do they have left?

Now make up your own holiday word problems for someone else to solve.

You must be able to work out the answer yourself!