

Year 6 Zonal 2025

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres?

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres?

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres?

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres?

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres?

Y6/1. A water tank when $\frac{3}{4}$ full contains 240 litres of water.

What is the total capacity of the tank in litres? _____

Y6/2. A boat travels 120 km in 3 hours.

How long, in hours, will it take to travel 100 km?

Y6/2. A boat travels 120 km in 3 hours.

How long, in hours, will it take to travel 100 km?

Y6/3. When a number is multiplied by 2 and then 4 is subtracted from the result the answer is 8.

What is the number?

Y6/2. A boat travels 120 km in 3 hours.

How long, in hours, will it take to travel 100 km?

Y6/2. A boat travels 120 km in 3 hours.

How long, in hours, will it take to travel 100 km?

Y6/2. A boat travels 120 km in 3 hours.

How long, in hours, will it take to travel 100 km?

Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

_ Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

Y6/4. A jar containing one hundred 20c coins weighs 1500g. If the jar weighs 200 g when empty, what is the weight, in grams, of one 20c coin?

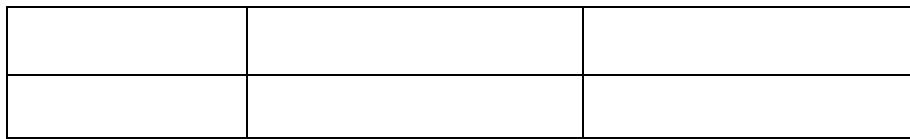
Y6/5 How many rectangles can be found in this diagram?



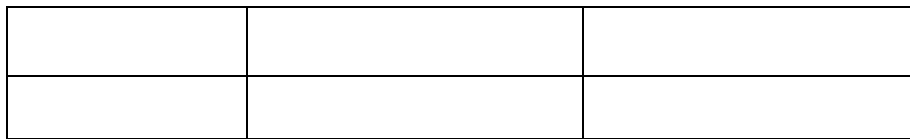
Y6/5 How many rectangles can be found in this diagram?



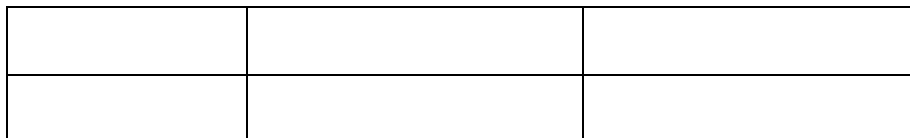
Y6/5 How many rectangles can be found in this diagram?



Y6/5 How many rectangles can be found in this diagram?



Y6/5 How many rectangles can be found in this diagram?



Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/6. Ben can do a job working alone in 3 hours. Den can do the same job alone in 6 hours.
If they both work together, in how many hours will the job be done?

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/7. The total cost of constructing a wooden chest is equal to the cost of labour plus the cost of construction materials .The cost of labour $\frac{1}{3}$ the cost of materials.

If the cost of labour is \$240, determine the total cost of constructing the wooden chest.

Y6/8 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of $P + Q$?

16		P
11	Q	
12		

Y6/8 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of $P + Q$?

16		P
11	Q	
12		

Y6/8 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of $P + Q$?

16		P
11	Q	
12		

Y6/8 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of $P + Q$?

16		P
11	Q	
12		

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/9 Tom has 8 litres of fruit juice. He wants to fill the fruit juice equally into
400 millilitre packets. How many packets does he need?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/10 At Tevita's birthday party, 5 people shook hands with each other once. How many handshakes were there in total?

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/11 Find the sum of the prime factors of 30.

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/12 Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2. What is the total fare for a journey 4000 m long?

. _____

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/13 A car takes 2 hours to complete a journey when travelling at 80 km/h. How long, in hours, would the same journey take if the car were travelling at 40 km/h?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/14 In a money bag there are an equal number of 5 cent coins and 10 cent coins. There are no other coins. Altogether there is \$1.80. How many coins are in the bag?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/15 Akosita loves swimming so much that he swam 50 km in 5 days. If each day she swam 3km more than the day before, how far in km did he swim on the first day?

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/16. Simplify $15\frac{3}{4} - 8\frac{5}{6}$

Give your answer in simplified improper fraction

Y6/17 In the calculations below the square and the triangle are covering two numbers that make the calculations correct. What number is the square covering?

$$\Delta - 9 = 9$$

$$\blacksquare + \Delta = 50$$

Y6/17 In the calculations below the square and the triangle are covering two numbers that make the calculations correct. What number is the square covering?

$$\Delta - 9 = 9$$

$$\blacksquare + \Delta = 50$$

Y6/17 In the calculations below the square and the triangle are covering two numbers that make the calculations correct. What number is the square covering?

$$\Delta - 9 = 9$$

$$\blacksquare + \Delta = 50$$

Y6/17 In the calculations below the square and the triangle are covering two numbers that make the calculations correct. What number is the square covering?

$$\Delta - 9 = 9$$

$$\blacksquare + \Delta = 50$$

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/18 A farmyard has chickens and cows. The total number of heads are 20 and total number of legs is 58. How many chickens are in the farm?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/19 How many numbers from 10 to 99 have the sum of their digits equal to 9?

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.

Y6/20 A carpet 6m by 8m is placed on a floor 12m by 8m.

Find the area of the floor not covered by the carpet.
