Numeracy Practice Papers

REASONING

Level A - Paper 1

First Name _____

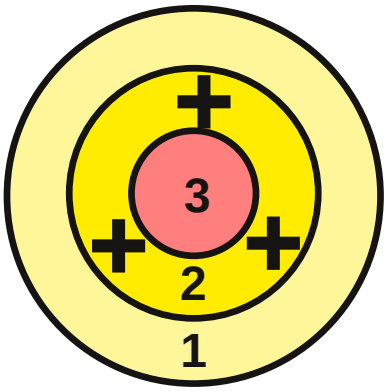
Surname _____

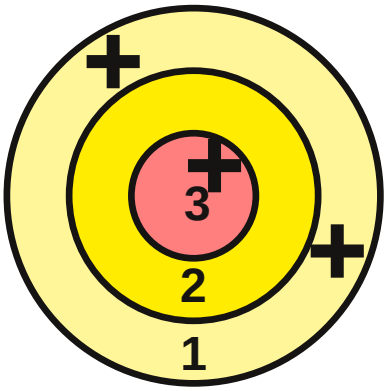
Class _____

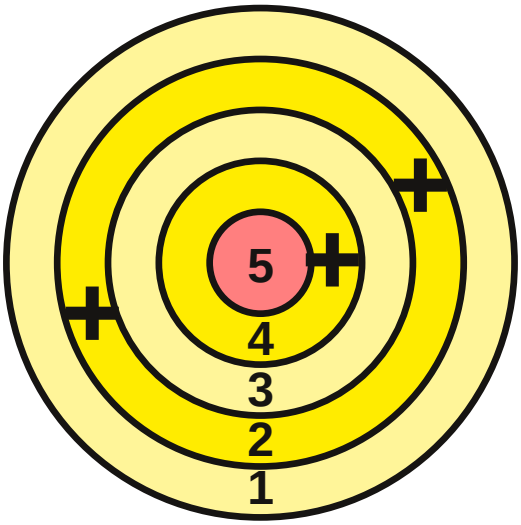
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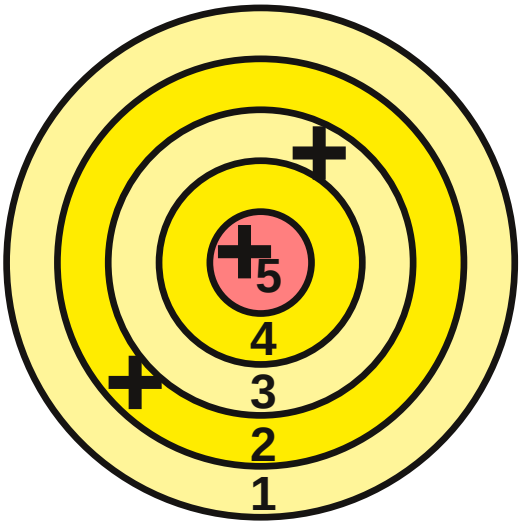


1 What is the **total** score?









1m

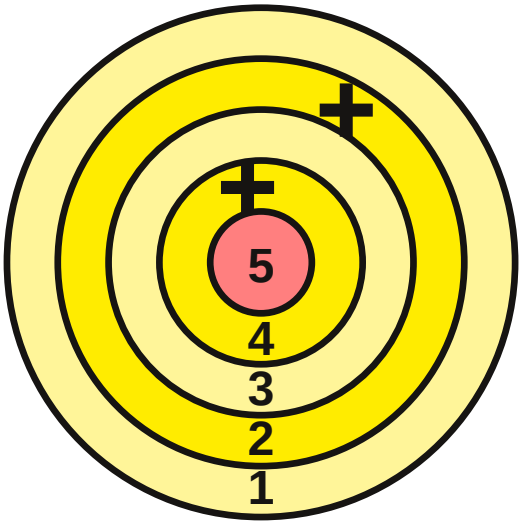
1m

1m

1m

Total score = 9

Only 2 of the arrows are shown.



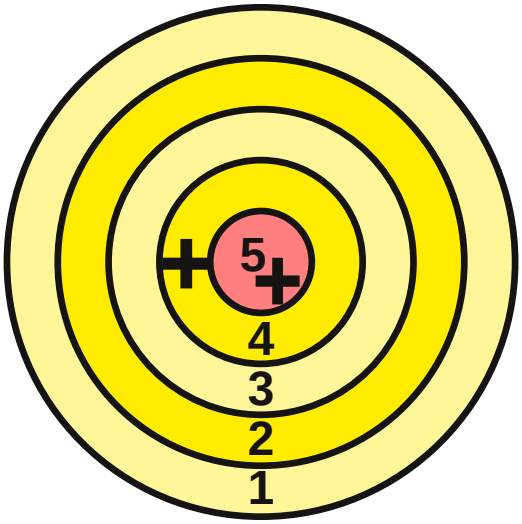
Put a ✚ where the 3rd arrow could be.

1m

– –

Total score = 13

Only 2 of the arrows are shown.



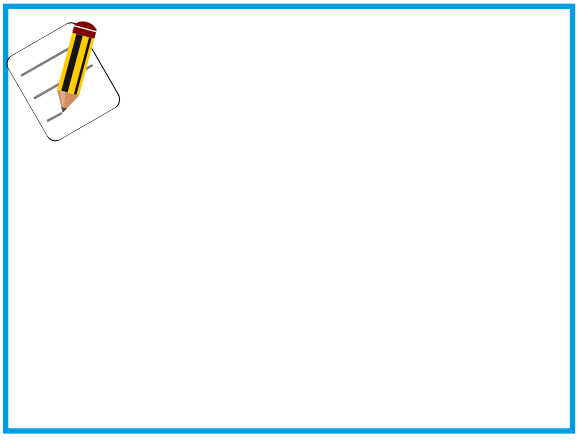
Put a ✚ where the 3rd arrow could be.

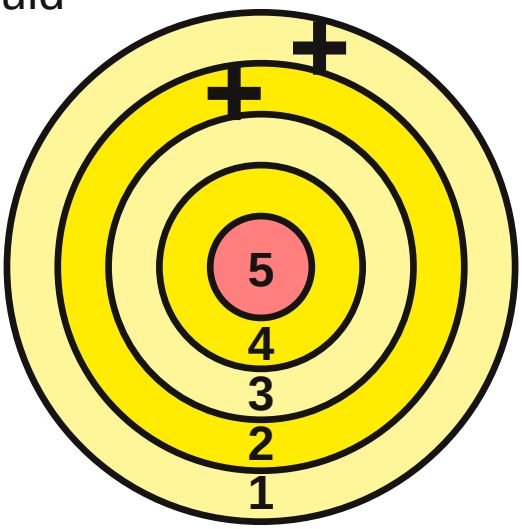
1m

– –

Anwen has already used 2 arrows.

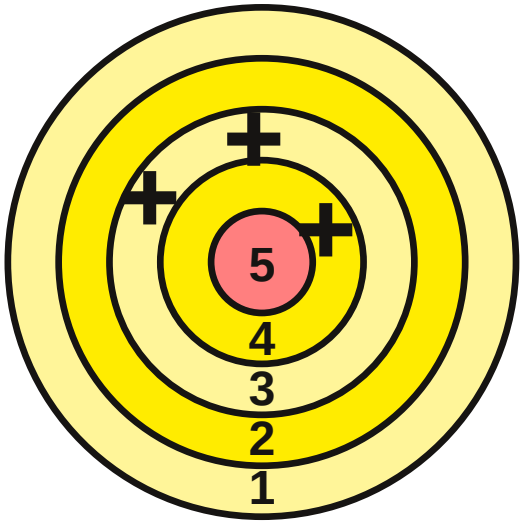
What is the highest **total** she could score?





1m

2



This is one way to score **10**

3	+	**3**	+	**4**	

Write three other **different** ways to score **10**.

		+		+	
or		+		+	
or		+		+	

3m

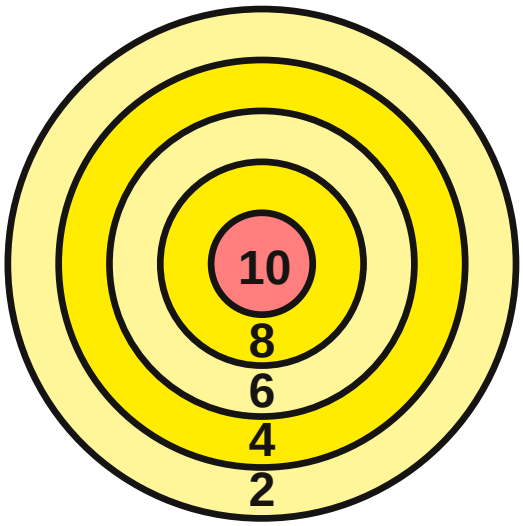
Anwen hit the **same** number 3 times.

Her total score is **15**.

How much did each arrow score?

1m

This board has different numbers.



What is the largest score with 3 arrows?

1m

Write two **different** ways of scoring **20**.

+ +

or + +

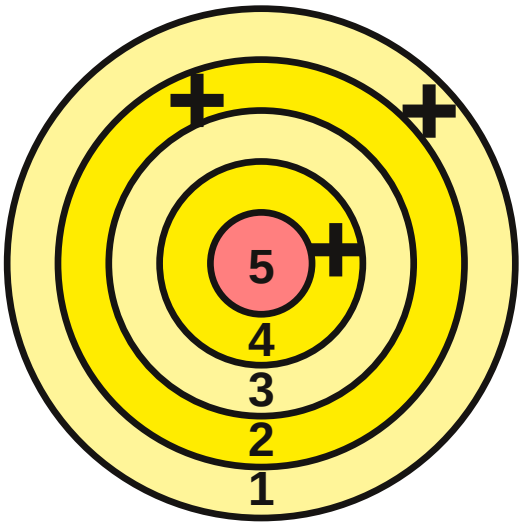
2m

Write one way to score **24**.

+ +

1m

Anwen's first 3 arrows are:



Her next 3 arrows score the same.

Her next 3 arrows score the same.

Write the **total** for the 9 arrows.



2m

3 There are 3 targets:



	Near	Middle	Far
			
Distance:	30m	**?** m	40m

The Middle target is **half way** between Near and Far.

What is the distance to Middle?



m

1m

4 Detective Dog is a numbers detective.



Help him work out the numbers:

Clues: The number of **halves** in a **whole**

The number is ☐ 1m

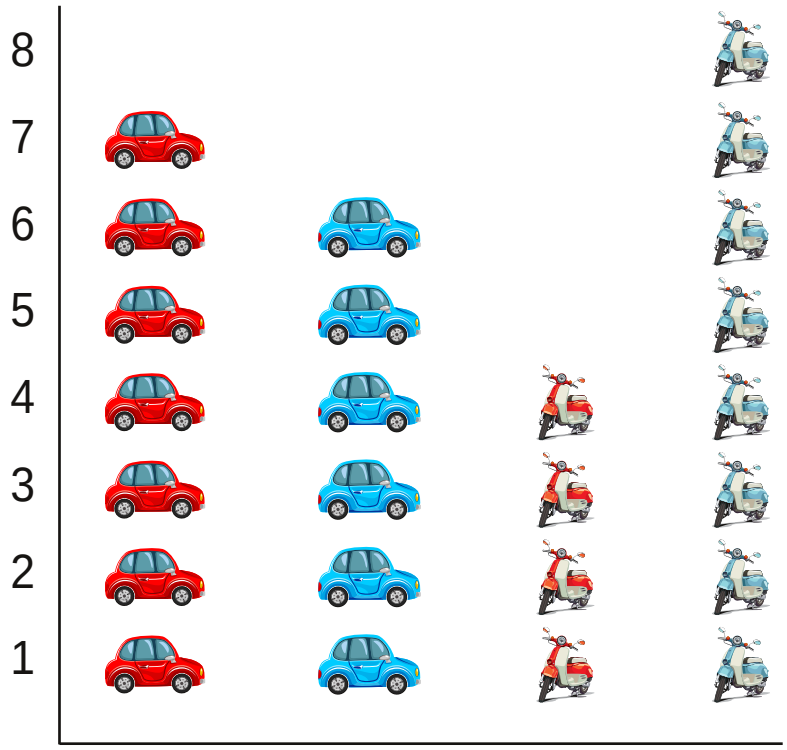
Clues: Between 21 and 29 | In the **5** times table

The number is ☐ 1m

Clues: In the **2** times table | In the **10** times table

The number could be ☐ or ☐ 2m

5 These go past Arwyn's school:



How many red cars? ☐ 1m

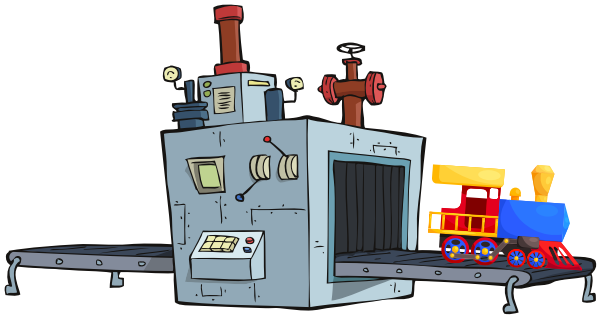
How many more  than  ? ☐ 1m

Are there more cars or scooters?



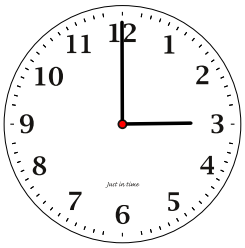
☐ 2m

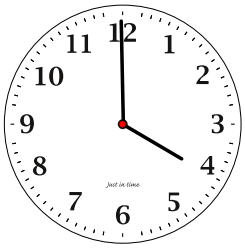
6



This machine makes toy trains.

It makes 1 every **quarter of an hour** (15 minutes).

It starts at 

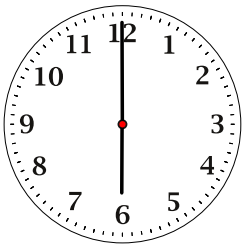
It ends at 

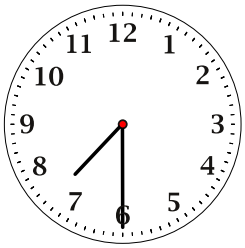
How many trains has it made?

trains

2m

On another day.

It starts at 

It ends at 

How many trains has it made?

trains

2m

On another day the machine made **8** trains.

How long did it take to make them?

2m

7

 = £5

 +  +  = £13

 = £ _____

2m

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8 The red bucket is **full**.

The green bucket is **empty**.

Green



7 Litres

Red



20 Litres

Nick pours from red in to green.

Green is now **full**.

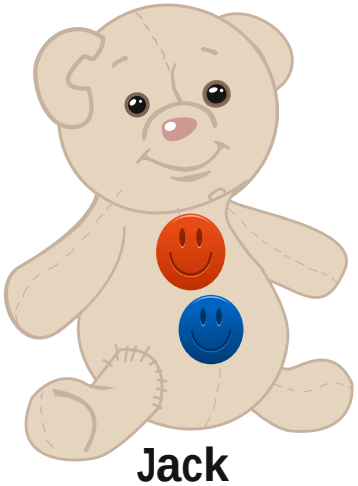
How much water is in red now?



_____ Litres

1m

9 The teddy bear shop sells:



Jack



Jill

The bears have buttons.

Milly bought some teddies.

In total, the bears she bought had:

2  and 3 

How many Jack bears and Jill bears did she buy?







2m