

SIZE CHART

The Marvellous Maths Measuring Challenge.

Your challenge is to take a card and choose one of the challenges on the card.

Each challenge is worth 1, 3, or 5 stars depending upon its difficulty.

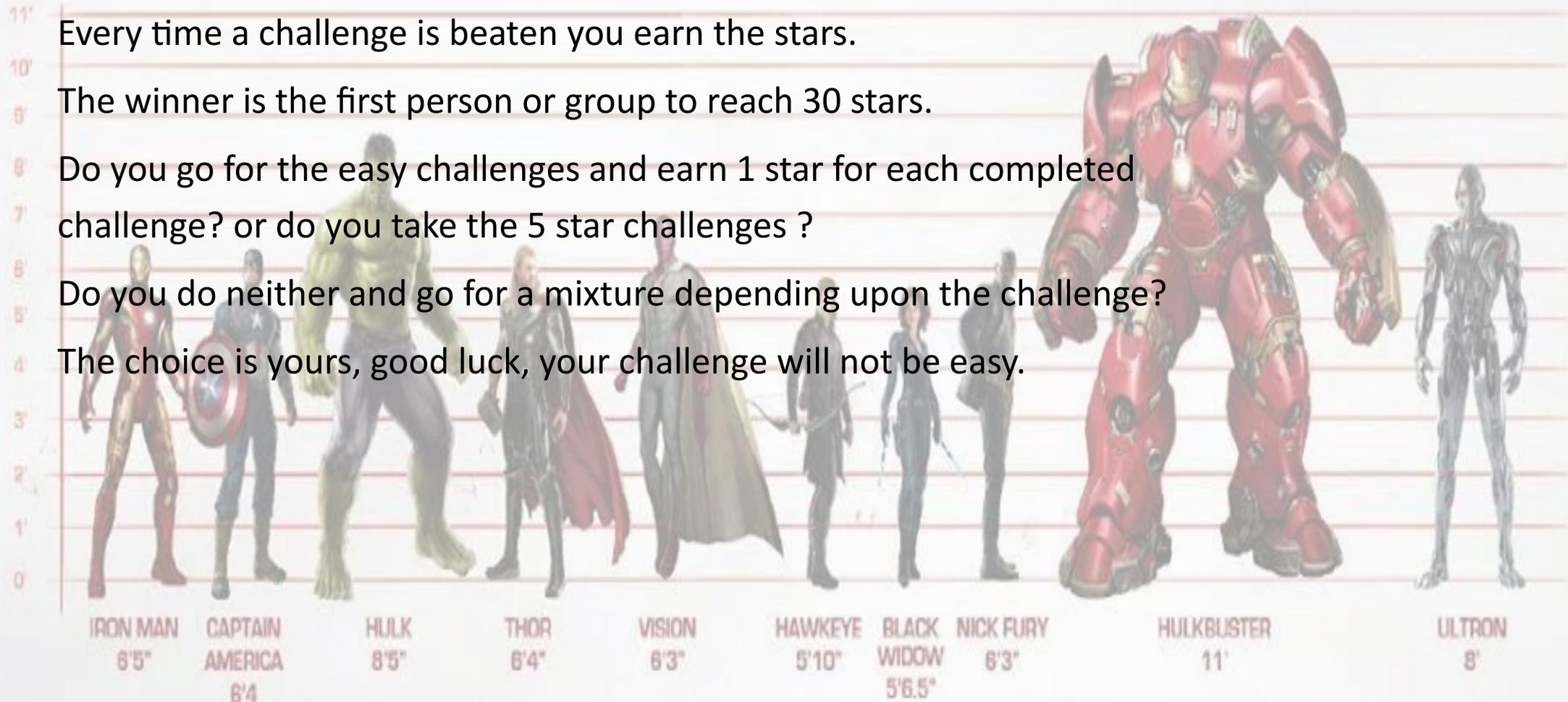
Every time a challenge is beaten you earn the stars.

The winner is the first person or group to reach 30 stars.

Do you go for the easy challenges and earn 1 star for each completed challenge? or do you take the 5 star challenges ?

Do you do neither and go for a mixture depending upon the challenge?

The choice is yours, good luck, your challenge will not be easy.



Challenge 1.

Yoda measures 90cm.

Can you find something that measures:

Over 50cm smaller than Yoda.



Between 10 and 20 cm bigger than Yoda



Exactly the same size as Yoda.



Challenge 2.

The Batarang is 5 inches wide.

Can you find something that measures:

Between 5 and 10 inches bigger.



Between 1 and 2 inches smaller.



Exactly 5 inches long.



Challenge 3.

A Minion weighs 4kg,

Can you find something that weighs:

Less than a Minion



Between 2 and 3 kgs more than a Minion.



The same weight as a Minion



Challenge 4.

Captain America has a shield which measures 2.5 feet in diameter.

Can you find:

Something that measure 15cm more than the shield



Something between 15cm and 30cm smaller



Something that measures exactly 2.5 feet.



Challenge 5.

The Arrows, arrows measure 1 metre in length.

Can you find.

Something that measures Between 10 and 50 cm smaller.



Something that measure between 1 and 10 cm bigger.



Exactly 1 metre



Challenge 6.

Steve is 2.5 inches tall. Can you find:

Something between 1 and 10 inches bigger.



Something smaller than Steve.



Something that measures exactly 2.5 inches



Challenge 7.

Olaf's nose measure
200mm.

Can you find something
that measures:

Between 150 and 200 mm



That is up to 50mm bigger
than Olaf's nose



Exactly the same size as
Olaf's nose



Challenge 8.

Superman can be
weakened by 30 grams of
Kryptonite

Can you find something
that weighs:

More than 30 grams



Less than 30 grams



Exactly 30 grams



Challenge 9.

Emmet is 5 lego bricks tall

Can you find something:

That measure less than 5
lego bricks.



That measure between 1
and 5 bricks taller than
Emmett



That measure exactly 5
Lego bricks



Challenge 10.

R2D2 moves at about
5mph.

Can you find:

Something that moves

Faster than 5mph



Slower than 5mph



Exactly 5mph



Challenge 11

The Angry Birds can be
catapulted by 10 metres.

Ca you find:

A room smaller than
10 metres long.



A room larger than 10
metres long.



A room exactly 10
metres long



Challenge 12.

The TMNT love pizza but
must have it sliced very
carefully

Can you draw a line
100mm long



Can you draw a line 17mm
long



Can you draw a line 33 mm
long



Challenge 13.

The Transformers hold about 1 litre of fuel

Can you find something that holds:

1 litre of water



Between 300ml and 600 ml

Holds exactly 5ml

Challenge 14.

TinTin has mastered the art of keeping quiet so that his enemies do not find him.

Can you keep quiet for:

30 seconds

3 minutes

5 minutes



Challenge 15.

Pikachu measures 60cm tall.

How tall would:

2 Pikachus be?

5 Pikachus be?

25 Pikachus be?



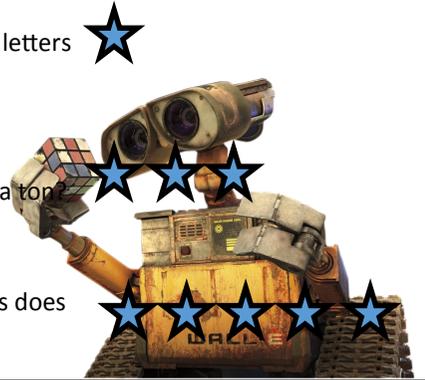
Challenge 16.

Wall-E weighs approximately 5000kg

Can you write in letters 5000

How many kg in a ton?

How many grams does Wall-E weigh?



Challenge 17

The Hulk can jump up to 1km.

How far is that in:

Metres?

Centimetres?

Millimetres?



Challenge 18.

Snow White was poisoned by 20 drops of poison which is about 1ml

How many ml would:

40 drops be?

260 drops?

20,000 drops ?



Measuring Challenge Record Sheet

Challenge Number:	Answer:	No. Of Stars.

11'
10'
9'
8'
7'
6'
5'
4'
3'
2'
1'
0'