Batman

So you have trained hard to master your 2, 5 and 10 times table, only the mighty Batman stands between you and glory! Good Luck!

2 X 5 =		3 x 5 =		4 x 10	
3 X 2 =		5 x 7 =		10 x 3 =	
1 x 2 =		8 x 5 =		7 x 10 =	
2 x 4 =		5 x 10 =		10 x 9 =	
8 x 2 =		0 x 5 =		2 x 10 =	
11 x 2 =		7 x 5 =		10 x 10 =	
2 x 9 =		5 x 9 =		6 x 10 =	
0 x 2 =		12 x 5 =		10 x 5 =	
10 x 2 =		5 x 6 =		12 x 10 =	
2 x 6 =		11 x 5 =		10 x 8 =	
7 x 2 =		4 x 5 =		1 x 10 =	
2 x 2 =		5 x 5 =		10 x 0 =	
0 x 2 =		12 x 5 =		10 x 5 =	
10 x 2 =		5 x 6 =		12 x 10 =	
1 x 2 =		8 x 5 =		7 x 10 =	

Batman

8 x 2 =		0 x 5 =		2 x 10 =	
2 x 4 =		5 x 10 =		10 x 9 =	
2 ÷ 2 =		10 ÷ 5 =		100 ÷ 10 =	
18 ÷ 2 =		5 ÷ 5 =		90 ÷ 10 =	
6 ÷ 2 =		45 ÷ 5 =		60 ÷ 10 =	

Batman is stunned that you got this far! He tries to use some word problems...

1. There are 2 pencils in each pack. Bella bought 3 packets. How many pencils does she buy? _____ pencils

2. **I shared 30 buttons between 5 coats. How many buttons are there on each coat? _____ buttons**

3. There are 4 wheels on a car. How many wheels are there on 5 cars? _____ wheels

4. **Sam shares 15 cakes between his 5 friends. How many cakes do his friends get each? _____ cakes**

5. There are 6 carrots in a box. Sam has 2 boxes. How many carrots does he have altogether? _____ carrotss

Your time	
Time needed to beat Batman	3 minutes 50 seconds

Hawk-girl

You have already beaten Batman, have you trained hard enough on your 3 and 4 times tables to beat the heroic Hawk-girl? Good luck!

3 x 3 =	4 x 5 =	10 x 10 =
2 x 5 =	6 x 4 =	8 x 4 =
4 x 3 =	3 x 6 =	9 x 4 =
2 x 11 =	4 x 9 =	3 x 10 =
3 x 9 =	0 x 3 =	0 x 4 =
2 x 8 =	5 x 8 =	12 x 5 =
6 x 3 =	4 x 10 =	10 x 1 =
12 x 2 =	1 x 4 =	3 x 11 =
1 x 3 =	7 x 3 =	5 x 9 =
7 x 2 =	11 x 4 =	4 x 6 =
10 x 3 =	3 x 3 =	5 x 5 =
2 x 2 =	12 x 4 =	3 x 12 =
2 x 11 =	4 x 9 =	3 x 10 =
36 ÷ 3 =	15 ÷ 3 =	36 ÷ 4 =
9 ÷ 3 =	45 ÷ 5 =	24 ÷ 3 =

Hawk-girl

18 ÷ 3 =	16 ÷ 4 =	50 ÷ 10 =
16 ÷ 2 =	100 ÷ 10 =	33 ÷ 3 =
11 x 4 =	9 x 4 =	4 x 6 =
10 x 3 =	3 x 8 =	5 x 9 =
2 x 11 =	12 x 4 =	3 x 12 =

Hawk-girl is knocked out of the sky by your amazing speed! She tries to use some word problems…

1. Sally gives out 12 party bags at the end of her party. Inside each party bag there are 2 balloons. How many balloons does Sally give out? _____ balloons

2. **Four children can sit at a table. How many tables are needed to seat 48 children?**
   _____ **tables**

3. David collects 3 comics each month for 9 months. How many comics does David collect altogether? _____ comics

4. **Jane thinks that each person at her party will eat four biscuits each. There will be six people. How many biscuits will she need? _____ biscuits**

5. I have 48 cookies and can fit 4 cookies into a box. How many boxes will I need? _____ boxes

Your time	
Time needed to beat Hawk-girl	3 minutes 50 seconds

Batman and Hawk-girl are defeated! Have you practiced your 6, 7 and 8 times tables enough to vanquish the terrible Thor?

8 x 11 =

6 x 7 =

8 x 2 =

6 x 1 =

7 x 7 =

6 x 6 =

8 x 3 =

6 x 8 =

7 x 5 =

6 x 2 =

8 x 6 =

6 x 10 =

7 x 0 =

6 x 0 =

7 x 2 =

7 x 6 =

6 x 12 =

8 x 4 =

6 x 3 =

7 x 4 =

6 x 11 =

7 x 9 =

8 x 10 =

7 x 1 =

6 x 9 =

7 x 8 =

8 x 8 =

7 x 3 =

8 x 1 =

7 x 11 =

5 x 2 =

2 x 3 =

1 x 4 =

4 x 5 =

3 x 7 =

10 x 9 =

0 x 10 =

9 x 2 =

5 x 3 =

8 x 4 =

3 x 5 =

6 x 6 =

4 x 7 =

60 ÷ 10 =

56 ÷ 7 =

8 x 5 =

6 x 5 =

7 x 10 =

8 x 12 =

8 x 0 =

6 x 4 =

8 x 7 =

7 x 12 =

8 x 9 =
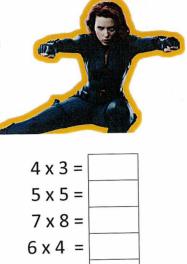
2x10 =

49 ÷ 7 =

72 ÷ 6 =

64 ÷ 8 =

48 ÷ 8 =

24 ÷ 6 =

Thor is amazed that you are so fast! He tries to use some word problems to distract you...

1. 6 cats have 4 kittens each. How many kittens are there in total?

2. I have 66 cookies and can fit 6 cookies into a box. How many boxes will I need?

3. In a school there are 96 children. There are 8 classrooms. How many children in each class?

4. Mrs. Emma picks 3 flowers a day starting on Monday. How many does she have by Sunday?

5. There are 7 windows on a house. How many windows on 8 houses?

Your time	
Time needed to beat Thor	3 minutes 50 seconds

Black widow

So you have already beaten Batman, Hawk-girl and Thor. Have you trained hard enough in your 9, 11 and 12 times table to overcome the baffling Black widow? Good Luck!

12 x 11 =	9 x 6 =	4 x 3 =
11 x 7 =	11 x 12 =	5 x 5 =
12 x 2 =	12 x 4 =	7 x 8 =
11 x 1 =	11 x 3 =	6 x 4 =
9 x 7 =	9 x 4 =	5 x 7 =
11 x 6 =	11 x 11 =	10 x 11 =
12 x 3 =	9 x 9 =	4 x 9 =
11 x 8 =	12 x 10 =	8 x 12 =
9 x 5 =	9 x 1 =	7 x 6 =
11 x 2 =	11 x 9 =	2 x 7 =
12 x 6 =	9 x 8 =	12 ÷ 6 =
11 x 10 =	12 x 8 =	90 ÷ 10 =
9 x 0 =	9 x 3 =	27 ÷ 3 =
11 x 0 =	12 x 1 =	56 ÷ 8 =
9 x 2 =	9 x 11 =	121 ÷ 11 =

Black widow

12 x 5 =	11 x 4 =	48 ÷ 4 =
11 x 5 =	12 x 7 =	63 ÷ 9 =
9 x 10 =	9 x 12 =	72 ÷ 12 =
12 x 12 =	12 x 9 =	55 ÷ 5 =
12 x 0 =	3 x 2 =	49 ÷ 7 =

The Black widow is stunned that you got this far! She tries to confuse you with word problems...

1. In a school there are 120 children. There are 10 classrooms. How many children in each class?

2. **Each box has 8 pencils in it. Mrs Sharon has 9 boxes of pencils; How many does she have in total?**

3. Fatin shares 99 marbles between her and her 11 friends. How many does each child get?

4. **9 groups of 9 children go to a sports day. How many children take part?**

5. How many wheels are there on 9 cars?

Your time	
Time needed to beat Black widow	3 minutes 50 seconds

Superman

You have already beaten Batman, Hawk-girl, Thor and Black widow! Superman is waiting; have you trained your division skills enough to beat him?

42 ÷ 7 =	60 ÷ 12 =	81 ÷ 9 =
4 ÷ 1 =	88 ÷ 11 =	132 ÷ 11 =
100 ÷ 10 =	18 ÷ 2 =	4 ÷ 4 =
7 ÷ 7 =	110 ÷ 11 =	21 ÷ 7 =
6 ÷ 1 =	80 ÷ 8 =	72 ÷ 6 =
70 ÷ 10 =	2 ÷ 1 =	63 ÷ 7 =
35 ÷ 7 =	14 ÷ 2 =	36 ÷ 3 =
56 ÷ 7 =	54 ÷ 9 =	20 ÷ 2 =
16 ÷ 4 =	56 ÷ 8 =	11 ÷ 11 =
24 ÷ 4 =	27 ÷ 9 =	18 ÷ 9 =
48 ÷ 6 =	32 ÷ 8 =	3 ÷ 1 =
24 ÷ 6 =	90 ÷ 9 =	63 ÷ 9 =
90 ÷ 10 =	5 ÷ 5 =	120 ÷ 12 =
80 ÷ 10 =	25 ÷ 5 =	12 ÷ 6 =
72 ÷ 9 =	28 ÷ 7 =	48 ÷ 12 =

Superman

32 ÷ 4 =	27 ÷ 3 =	66 ÷ 11 =
44 ÷ 4 =	2 ÷ 2 =	77 ÷ 7 =
18 ÷ 6 =	18 ÷ 3 =	108 ÷ 12 =
48 ÷ 8 =	20 ÷ 10 =	99 ÷ 11 =
54 ÷ 6 =	30 ÷ 5 =	42 ÷ 6 =

You must have Kryptonite to get this far so quickly! Superman tries to use some word problems...

1. George took eighteen stickers to school, to give them out to his six best friends. How many stickers did his best friends each get?

2. Jasmine buys 56 ice lollies for her party. She has 7 carrier bags and needs to put an equal amount in each bag. How many can she put in each bag?

3. Sarah has 42 pencils. She shares them equally between her 6 friends. How many pencils will each of her friends get?

4. There were twenty four pens in a pot and three children to share them. How many did they get each?

5. There was 50ml of medicine in a bottle. One teaspoon can hold 5ml. How many teaspoons of medicine can you pour out of the bottle?

Your time	
Time needed to beat Superman	3 minutes 50 seconds

Catwoman

So you have already defeated Batman, Hawk-girl, Thor, Black widow and Superman! Have you practiced your place value calculations enough to beat Catwoman? Let's find out!

200 x 3 =	40 x 50 =	3 x 400 =
2.0 ÷ 0.5 =	0.2 x 3 =	110 x 120 =
90 x 10 =	900 x 10 =	0.11 x 8 =
13.2 ÷ 12 =	29 ÷ 100 =	7200 ÷ 80 =
1.2 ÷ 3 =	9 x 100 =	7 x 0.5 =
0.7 x 7 =	11.0 ÷ 1.1 =	600 ÷ 30 =
7 x 800 =	5.6 ÷ 0.7 =	9 x 1000 =
81 ÷ 90 =	720 ÷ 80 =	7 x 80 =
500 x 6 =	0.6 x 0.3 =	7.2 ÷ 0.9 =
8 x 0.9 =	9000 ÷ 90 =	8 x 0.5 =
0.9 x 10 =	0.7 x 8 =	1200 ÷ 40 =
5 x 600 =	80 x 9 =	9 x 1.0 =
8 x 900 =	0.12 x 1000 =	70 x 80 =
0.19 x 10 =	80 x 9 =	7.2 ÷ 0.8 =
0.6 x 7 =	90 x 100 =	0.5 x 6 =

Catwoman

420 ÷ 60 =	12 x 0.5 =	10 x 0.5 =
9.0 ÷ 10 =	900 ÷ 100 =	900 ÷ 90 =
1.1 x 12 =	10 x 1.1 =	3 x 0.5 =
9.0 ÷ 0.9 =	13.2 ÷ 1.2 =	60 x 7 =
7 x 0.8 =	560 ÷ 80 =	10 x 110 =

Catwoman cannot believe that you have managed to get so far! She tries desperately to beat you with word problems.

1. Ashley has 24 RM and she wants to give 0.8 of the total to Quadirah. How much will Quadirah get?

2. **A square has sides that are 6cm long. Hussein wants to make it 100 times bigger. How long will the sides have to be?**

3. There are 400 people in school. If they each bring 5RM for a charity fundraiser, how much would the school raise?

4. **Seven students each bring 80 cakes for the bake sale; how many cakes do they have to sell altogether?**

5. Miqhail wins 420RM and decides to give it to his 6 favourite charities. How much would each get?

Your time	
Time needed to beat Catwoman	5 minutes
Answers correct	
Amount needed to beat Catwoman	55

Wow, you have already beaten Batman, Hawk-girl, Thor, Black Widow, Superman and Catwoman! I hope you have practiced your 1 by 2 digit multiplication enough to beat Ironman!

15 x 5 = ☐   18 x 6 = ☐   22 x 4 = ☐

26 x 6 = ☐   32 x 4 = ☐   17 x 8 = ☐

90 x 2 = ☐   43 x 2 = ☐   55 x 7 = ☐

65 x 4 = ☐   77 x 3 = ☐   88 x 3 = ☐

33 x 3 = ☐   13 x 5 = ☐   20 x 9 = ☐

```
    6 6          7 8          3 7
  x   8        x   9        x   4
  _____        _____        _____


    6 9          9 5          8 9
  x   6        x   7        x   3
  _____        _____        _____


    5 3          8 1          4 6
  x   7        x   6        x   5
  _____        _____        _____


    7 3          2 8          9 5
  x   9        x   7        x   8
  _____        _____        _____


    2 1          4 8          5 9
  x   5        x   3        x   2
  _____        _____        _____
```

Ironman is stunned that you got this far! He tries to use some word problems to confuse you...

Ms. Pepper Potts needed to buy 11 dozen of eggs to make enough cakes for a party. How many eggs did she buy?

One dozen of ironman's eggs cost Rm 75.00. How much do 3 dozen costs?

Hulk scored nineteen touchdowns during the season. If each touchdown is worth 5 points, how many total points did he score?

Hawkeye has 9 arrow quivers. Each quiver holds 17 arrows. How many arrows does Hawkeye have?

Tony Starks bought 6 tickets for the movie The Avengers. Each ticket cost Rm15. How much do 6 tickets cost?

Your time		
Your Points	X challenge ☐	Word problem ☐
Time needed to beat Ironman	3 minutes 40 seconds	
Score needed to beat Ironman	3pts on word problem/ 27 pts on multiplication challenge	

Wonder Woman

You have vanquished Batman, Hawk-girl, Thor, Black widow, Superman, Catwoman and Ironman to get here; this is the final confrontation before you can be called a maths superhero! Nothing remains but to say... Good luck, maths warrior!

½ of 28 = ☐

¼ of 48 = ☐

2/3 of 18 = ☐

3/5 of 45 = ☐

2/8 of 48 = ☐

1/10 of 12 = ☐

3/10 of 60 = ☐

¾ of 36 = ☐

50% of 30 = ☐

12.5% of 56 = ☐

75% of 28 = ☐

33.3% of 33 = ☐

80% of 120 = ☐

20% of 55 = ☐

37.5% of 56 = ☐

150% of 26 = ☐

0.2 of 25 = ☐

0.1 of 12 = ☐

0.75 of 400 = ☐

0.6 of 60 = ☐

0.25 of 36 = ☐

1.1 of 120 = ☐

0.66 of 66 = ☐

1.5 of 58

For the next round of problems you need to work out the whole number when given a fraction, decimal or percentage. i.e.

¾ = 12 → 16

½ = 14 ☐

¼ = 13 ☐

4/10 = 12 ☐

50% = 27 ☐

33.3% = 40 ☐

75% = 27 ☐

0.2 = 0.2 ☐

0.1 = 13.2 ☐

0.75 = 30 ☐

3/5 = 36 ☐

7/8 = 56 ☐

9/10 = 81 ☐

40% = 1.2 ☐

80% = 48 ☐

20% = 1.8 ☐

0.7 = 560 ☐

0.25 = 12.5 ☐

0.375 = 12 ☐

Wonder Woman is stunned; only these last few word problems lay between you and maths immortality!

1. There are 24 hours in a day and scientists tell us that we should sleep for ⅜ of the day. How much time should we spend sleeping?

2. **Shuttlecocks cost 36RM each in my local store. The shopkeeper says if I buy one I can buy another for only $^7/_9$ of the normal price.**

How much would the second pack cost?

3. Last year, Mr. Daniel weighed 60 kg. This year he weighs 40% more. How much does Mr Daniel weigh this year?

4. **Miss Sylvia has 2000RM, which is 25% of the money she needs to buy a car. How much more does she need?**

5. Abdul gets 5% interest on his savings. If he has 60RM in the bank, how much interest will he receive?

Your time	
Time needed to beat Wonder Woman	5 minutes
Answers correct	
Amount needed to beat Wonder Woman	40