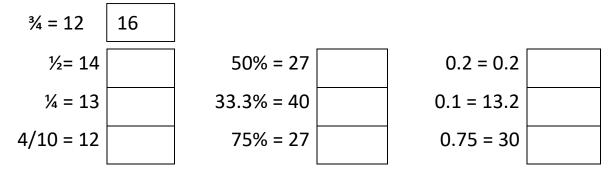# Wonder Woman

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 =	50% of 30 =	0.2 of 25 =
¼ of 48 =	12.5% of 56 =	0.1 of 12 =
2/3 of 18 =	75% of 28 =	0.75 of 400 =
3/5 of 45 =	33.3% of 33 =	0.6 of 60 =
2/8 of 48 =	80% of 120 =	0.25 of 36 =
1/10 of 12 =	20% of 55 =	1.1 of 120 =
3/10 of 60 =	37.5% of 56 =	0.66 of 66 =
¾ of 36 =	150% of 26 =	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	50% = 27	0.2 = 0.2
¼ = 13	33.3% = 40	0.1 = 13.2
4/10 = 12	75% = 27	0.75 = 30

Wonder Woman

3/5 = 36	40% = 1.2	0.7 = 560
7/8 = 56	80% = 48	0.25 = 12.5
9/10 = 81	20% = 1.8	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