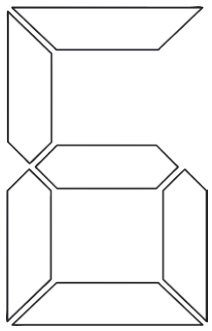
Number Puzzles

Amazing Fact

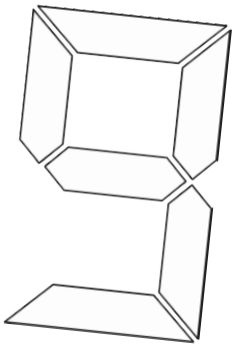
If you take any number, double it, add 10, divide by 2 and subtract your original number, the answer will always be 5.

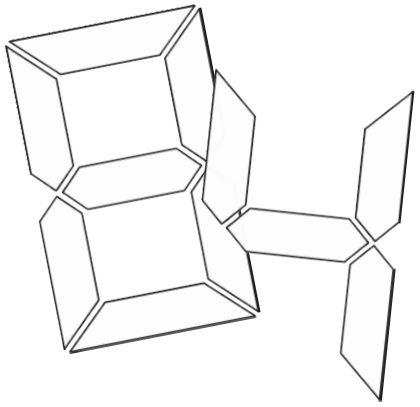
Challenge

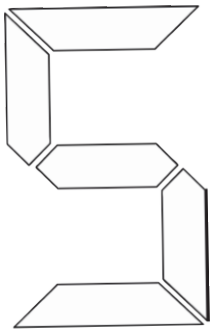
See if this is true.

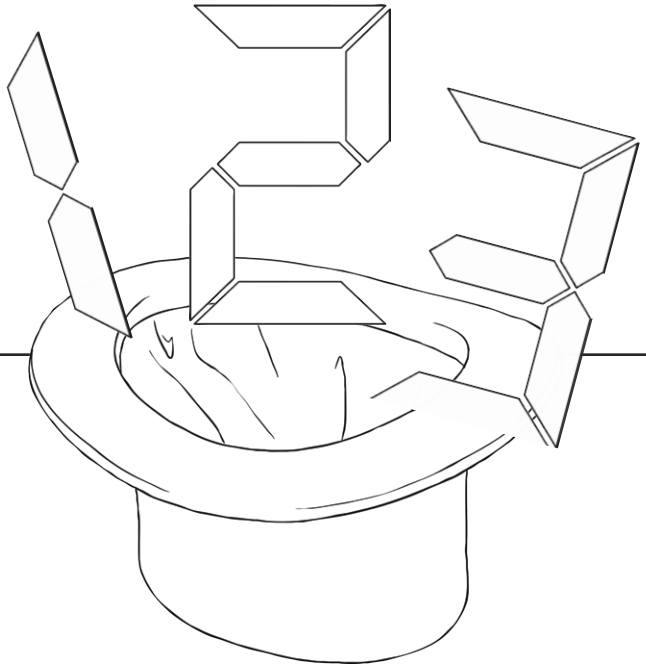


1. Double 5 = ☐ + 10 = ☐ ÷ 2 = ☐ - 5 = ☐
2. Double 7 = ☐ + 10 = ☐ ÷ 2 = ☐ - 7 = ☐
3. Double 3 = ☐ + 10 = ☐ ÷ 2 = ☐ - 3 = ☐
4. Double 9 = ☐ + 10 = ☐ ÷ 2 = ☐ - 9 = ☐
5. Double 4 = ☐ + 10 = ☐ ÷ 2 = ☐ - 4 = ☐
6. Double 2 = ☐ + 10 = ☐ ÷ 2 = ☐ - 2 = ☐









You could also try to find out:

- why this works;
- about other tricks that can be performed with numbers;
- a number trick to confuse your friends.

Number Puzzles

1. Double 5 = **10** + 10 = **20** ÷ 2 = **10** - 5 = **5**
2. Double 7 = **14** + 10 = **24** ÷ 2 = **12** - 7 = **5**
3. Double 3 = **6** + 10 = **16** ÷ 2 = **8** - 3 = **5**
4. Double 9 = **18** + 10 = **28** ÷ 2 = **14** - 9 = **5**
5. Double 4 = **8** + 10 = **18** ÷ 2 = **9** - 4 = **5**
6. Double 2 = **4** + 10 = **14** ÷ 2 = **7** - 2 = **5**