

True or false?

Write T or F by the side of each statement according to whether it is true or false.

- | | | | | | |
|---|--|--------------------------|----|---------------------------------------|--------------------------|
| 1 | 12 is a square number | <input type="checkbox"/> | 6 | 20 has six factors | <input type="checkbox"/> |
| 2 | 13 is a prime number | <input type="checkbox"/> | 7 | 36 is a multiple of 3, 4, 6, 8 and 12 | <input type="checkbox"/> |
| 3 | 21 is a composite number (not prime) | <input type="checkbox"/> | 8 | 33 is a prime number | <input type="checkbox"/> |
| 4 | Prime numbers have exactly two factors | <input type="checkbox"/> | 9 | 4^2 is 16 | <input type="checkbox"/> |
| 5 | 16 has eight factors | <input type="checkbox"/> | 10 | 5^2 is 10 | <input type="checkbox"/> |

Mental skills workout

Solve these calculations with mental methods.

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|----|------------------|----------------------|----|------------------|----------------------|
| 11 | $40 \times 7 =$ | <input type="text"/> | 16 | $23 \times 19 =$ | <input type="text"/> |
| 12 | $6 \times 80 =$ | <input type="text"/> | 17 | $180 \div 6 =$ | <input type="text"/> |
| 13 | $3 \times 16 =$ | <input type="text"/> | 18 | $420 \div 7 =$ | <input type="text"/> |
| 14 | $18 \times 5 =$ | <input type="text"/> | 19 | $168 \div 8 =$ | <input type="text"/> |
| 15 | $23 \times 20 =$ | <input type="text"/> | 20 | $248 \div 4 =$ | <input type="text"/> |

Remember to use times tables and place value.



Factor challenge!

- 21 Find as many factors of 240 as you can! Write them in the box below.

I found this:



Easy



Challenging



I needed help