

Output numbers are produced from input numbers by using a certain rule. Work out the rule each time and enter the correct number in the box. A different rule is used for each question.

1	Input	Output	2	Input	Output
	4	→ 10		3	→ 8
	8	→ 14		5	→ 12
	10	→ 16		10	→ 22
	19	→ <input type="text"/>		14	→ <input type="text"/>

3	Input	Output	4	Input	Output
	2	→ 12		32	→ 7
	5	→ 30		28	→ 6
	8	→ 48		20	→ 4
	10	→ <input type="text"/>		8	→ <input type="text"/>

If  $26 \times 6 = 156$

5 then  $26 = 156 \div$

6 and  $26 \times 60 =$

If  $27 \times 13 = 351$

7 then  $351 \div 27 =$

8 and   $\times 13 = 3510$

Put the correct numbers in the squares.

9  $5 \times$    $= 10 \times 12$

10  $17 \times 4 = 34 \times$

11  $8 \times 36 =$    $\times 18$

12 Which multiples of 3 are greater than 1 but less than 10?

Ans \_\_\_\_\_

13 Which multiples of 8 are greater than 40 but less than 70?

Ans \_\_\_\_\_

14 List the common multiples of 2 and 5 which are less than 40 but greater than 1.

Ans \_\_\_\_\_

15 List the common multiples of 4 and 6 which are less than 40 but greater than 20.

Ans \_\_\_\_\_