

Common multiples

Extreme



Circle the common multiples of 4 and 7

28

42

56

148

112

77

Move from start to finish by following the common multiples of 5 and 7. You cannot move diagonally.

START

35	210	350	355	70
315	49	105	245	280
175	70	55	70	149
205	210	21	140	250
28	35	357	280	315

FINISH

Key Facts

$5 \times 2 = 10$
 $5 \times 5 = 25$
 $5 \times 10 = 50$
 $5 \times 12 = 60$

Key Facts

$7 \times 2 = 14$
 $7 \times 5 = 35$
 $7 \times 10 = 70$
 $7 \times 12 = 84$

Harvey says,



The lowest common multiple of 6 and 9 is 54 because $6 \times 9 = 54$.

Is he correct? Explain why.