

Least Common Multiple (G)

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1. 10:

22:

LCM =

2. 18:

15:

LCM =

3. 22:

24:

LCM =

4. 10:

24:

LCM =

5. 24:

14:

LCM =

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Name: _____

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Determine the least common multiple using the multiples of each number.

1. 10: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, (110), 120, ...
22: 22, 44, 66, 88, (110), 132, ...

$$\text{LCM} = 110$$

2. 18: 18, 36, 54, 72, (90), 108, ...
15: 15, 30, 45, 60, 75, (90), 105, ...

$$\text{LCM} = 90$$

3. 22: 22, 44, 66, 88, 110, 132, 154, 176, 198, 220, 242, (264), ...
24: 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, (264), 288, ...

$$\text{LCM} = 264$$

4. 10: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, (120), ...
24: 24, 48, 72, 96, (120), 144, ...

$$\text{LCM} = 120$$

5. 24: 24, 48, 72, 96, 120, 144, (168), 192, ...
14: 14, 28, 42, 56, 70, 84, 98, 112, 126, 140, 154, (168), ...

$$\text{LCM} = 168$$