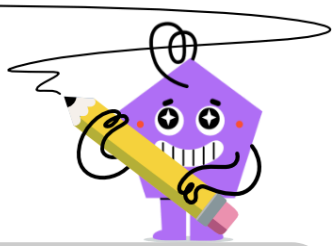
Name

# Finding Lowest Common Multiple from Factorizations



**1** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$12(=2\times2\times3)$

$10(=2\times5)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 20 | 62 | 24 | 60 | 299 | 26 |

**2** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$6(=2\times3)$

$15(=3\times5)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 34 | 4 | 30 | 28 | 58 | 26 |

**3** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$14(=2\times7)$

$4(=2\times2)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 25 | 32 | 79 | 5 | 200 | 28 |

**4** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$7(=7)$

$5(=5)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 6 | 35 | 135 | 31 | 213 | 33 |

**5** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$13(=13)$

$5(=5)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 65 | 62 | 67 | 66 | 10 | 64 |

**6** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$15(=3\times5)$

$11(=11)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 661 | 1,153 | 167 | 165 | 329 | 663 |

**7** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$13(=13)$

$10(=2\times5)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 126 | 5 | 125 | 129 | 262 | 130 |

**8** Find the lowest common multiple of these numbers from their factorization by choosing the set of all distinct factors

$10(=2\times5)$

$11(=11)$

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| 113 | 224 | 552 | 110 | 105 | 218 |