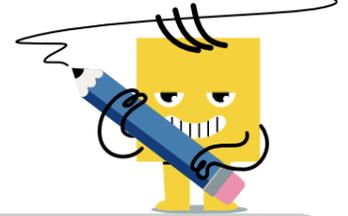




Factoring - Identifying Large Factored Numbers - 2 Factors



1 Factor 1296 to find y, and r

$$1296 = y^4 \cdot r^4$$

- | | | | |
|---|-----------|---|----------|
| A | y=3, r=5 | B | y=2, r=7 |
| C | y=3, r=11 | D | y=3, r=2 |
| E | y=3, r=11 | | |

2 Factor 2662 to find z, and r

$$2662 = z^3 \cdot r^1$$

- | | | | |
|---|-----------|---|----------|
| A | z=11, r=3 | B | z=2, r=5 |
| C | z=2, r=7 | D | z=2, r=7 |
| E | z=11, r=2 | | |

3 Factor 1715 to find z, and x

$$1715 = z^1 \cdot x^3$$

- | | | | |
|---|----------|---|-----------|
| A | z=5, x=3 | B | z=5, x=3 |
| C | z=5, x=3 | D | z=5, x=11 |
| E | z=5, x=7 | | |

4 Factor 3773 to find r, and x

$$3773 = r^1 \cdot x^3$$

- | | | | |
|---|-----------|---|----------|
| A | r=7, x=5 | B | r=7, x=2 |
| C | r=11, x=7 | D | r=7, x=2 |
| E | r=7, x=2 | | |

5 Factor 1944 to find c, and x

$$1944 = c^3 \cdot x^5$$

- | | | | |
|---|----------|---|-----------|
| A | c=3, x=5 | B | c=2, x=7 |
| C | c=3, x=7 | D | c=3, x=11 |
| E | c=2, x=3 | | |

6 Factor 9317 to find c, and z

$$9317 = c^3 \cdot z^1$$

- | | | | |
|---|-----------|---|----------|
| A | c=11, z=2 | B | c=7, z=5 |
| C | c=7, z=5 | D | c=7, z=2 |
| E | c=11, z=7 | | |

7 Factor 2500 to find d, and p

$$2500 = d^4 \cdot p^2$$

- | | | | |
|---|----------|---|-----------|
| A | d=2, p=3 | B | d=5, p=11 |
| C | d=5, p=2 | D | d=5, p=11 |
| E | d=5, p=3 | | |

8 Factor 2744 to find d, and c

$$2744 = d^3 \cdot c^3$$

- | | | | |
|---|----------|---|----------|
| A | d=7, c=2 | B | d=2, c=3 |
| C | d=2, c=5 | D | d=7, c=3 |
| E | d=2, c=5 | | |