Prime factors (numbers under 100)

Grade 5 Factoring Worksheet

Example: $24 = 2 \times 2 \times 2 \times 3$ (Not prime)

List the prime factors for each number. Is the number prime?

1. $65 =$

2. $60 =$

3. $80 =$

4. $74 =$

5. $71 =$

6. $10 =$

7. $96 =$

8. $64 =$

9. $11 =$

10. $95 =$
Prime factors (numbers under 100)
Grade 5 Factoring Worksheet

Example: \[24 = 2 \times 2 \times 2 \times 3\text{ (Not prime)}\]

List the prime factors for each number. Is the number prime?

1. \[65 = \underline{5 \times 13}\text{ (No)}\]

2. \[60 = \underline{2 \times 2 \times 3 \times 5}\text{ (No)}\]

3. \[80 = \underline{2 \times 2 \times 2 \times 2 \times 5}\text{ (No)}\]

4. \[74 = \underline{2 \times 37}\text{ (No)}\]

5. \[71 = \underline{71}\text{ (Yes)}\]

6. \[10 = \underline{2 \times 5}\text{ (No)}\]

7. \[96 = \underline{2 \times 2 \times 2 \times 2 \times 2 \times 3}\text{ (No)}\]

8. \[64 = \underline{2 \times 2 \times 2 \times 2 \times 2 \times 2}\text{ (No)}\]

9. \[11 = \underline{11}\text{ (Yes)}\]

10. \[95 = \underline{5 \times 19}\text{ (No)}\]