

Name _____

Date _____

Compare Factors And Products Without Multiplying**G5**

Comparing factors and products without multiplying helps identify relationships between numbers. It builds number sense, allowing students to estimate, analyze patterns, and solve problems efficiently without performing full calculations.

Q1 Which number has more factors: 12 or 15?

A. 12

B. 15

C. They have the same number of factors

D. Cannot determine

Q2 Which number has fewer factors: 18 or 20?

A. 18

B. 20

C. They have the same number of factors

D. Cannot determine

Q3 Which number is a factor of both 24 and 36?

A. 4

B. 5

C. 6

D. 8

Q4 Which set of factors belongs to the number 42?

A. {1, 2, 3, 6, 7, 21, 42}

B. {1, 3, 5, 7, 15, 42}

C. {1, 2, 4, 6, 12, 42}

D. {1, 2, 3, 6, 8, 21}

Name _____

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Compare Factors And Products Without Multiplying - Answer Key**Q1****A****Q2****C****Q3****C****Q4****A**