

Name _____

Date _____

22 Which is a prime factor of the composite number 18?

- F** 9
- G** 5
- H** 6
- J** 3

12 What is the prime factorization of 100?

- F** $2 \times 5 \times 10$
- G** $2 \times 2 \times 5 \times 5$
- H** $2 \times 2 \times 25$
- J** $4 \times 5 \times 5$

27 The list below contains the 8 factors of which number?

1, 6, 3, 4, 12, 24, 2, 8

- A** 24
- B** 18
- C** 12
- D** 36

5 Izzy's birthday falls on a date in April that is a prime number. Which could be the date of his birthday?

- A** April 21
- B** April 23
- C** April 15
- D** April 27

13 Which group shows the prime factorization of the number 88?

- A** 4×22
- B** $2 \times 4 \times 11$
- C** $2 \times 2 \times 2 \times 11$
- D** $2 \times 2 \times 22$

35 Which group shows all the numbers that are common factors of 36 and 48?

- A** 1, 2, 3, 4, 6
- B** 1, 2, 3, 4, 6, 12
- C** 1, 2, 3, 4, 6, 9, 12, 18
- D** 1, 2, 3, 4, 6, 8, 12, 16, 24