

SKILL 6: Practice

Find the GCF of each pair of numbers by listing all factors of each number.

1. 28: _____

2. 16: _____

35: _____

24: _____

GCF: _____

GCF: _____

3. 30: _____

4. 24: _____

36: _____

42: _____

GCF: _____

GCF: _____

Find the GCF of each pair of numbers by using their prime factorizations.

5. 14: _____

6. 18: _____

7. 48: _____

35: _____

27: _____

54: _____

GCF: _____

GCF: _____

GCF: _____

8. 36: _____

9. 40: _____

10. 32: _____

48: _____

80: _____

36: _____

GCF: _____

GCF: _____

GCF: _____

Solve.

11. Marcel's age is a common factor of both 48 and 72. She is older than 12. How old is Marcel? _____



12. Which is the GCF of 24 and 36?
Skill 6

A 3

C 2

B 24

D 12

13. Which is the prime factorization of 56 using exponents?
Skill 5

F 7×8 H $2^2 \times 7$ G $2^3 \times 7$ J 2×28