

Pieces and Wholes

Pattern Blocks

1. If the blue rhombus is 1 *sixth*, then draw 1 *whole*?
2. If three red trapezoids are 1 *whole*, then what fraction is the blue rhombus?
3. If the blue rhombus is 1 *whole*, then draw 3 *halves*?
4. If the yellow hexagon is 3 *halves*, then draw 1 *whole*?
5. If the red trapezoid is 1 *fifth*, then draw 1 *whole*?
6. If the yellow hexagon is 1 *whole*, then draw 5 *sixths*?
7. If the yellow hexagon is 1 *whole*, then what fraction is the green triangle?
8. If the red trapezoid is 1 *whole*, then draw 2 *thirds*?
9. If two hexagons are 1 *whole*, then what fraction is a blue rhombus and a red trapezoid combined?

Counters

10. If 8 counters are 1 *whole*, then how many counters are 1 *fourth*?
11. If 9 counters are 1 *whole*, then what fraction are 3 counters?
12. If 12 counters are 3 *fourths*, then how many counters are 1 *whole*?
13. If 15 counters are 1 *whole*, then how many counters are 3 *fifths*?
14. If 12 counters are 1 *whole*, then what fraction are 16 counters?
15. If 9 counters are 1 *whole*, then how many counters are 5 *thirds*?
16. If 4 counters are 1 *half*, then how many counters are 1 *whole*?
17. If 10 counters are 1 *whole*, then what fraction are 6 counters?
18. If 10 counters are 5 *halves*, then how many counters are 1 *whole*?

EXTENSION: Cuisinaire Rods

19. If brown is 1 *whole*, then show/find 1 *fourth*.
20. If purple is 1 *third*, then show/find 1 *whole*.
21. If dark green is 1 *whole*, then show/find 2 *thirds*.
22. If dark green is 1 *whole*, then what fraction is yellow?
23. If dark green is 1 *whole*, then show/find 3 *halves*.
24. If dark green is 2 *thirds*, then show/find 1 *whole*.
25. If yellow is 5 *fourths*, then show/find 1 *whole*.
26. If dark green is 1 *whole*, then what fraction is blue?
27. If black is 1 *whole*, then what fraction is blue?