

Ratio Reasoning

Advanced

Three-part shares and steady rates.

Name: _____ Date: _____

Think: "For every a there are b" means both sides scale by the same factor.

1. Solve each one. Reason it out!

1) \$50 is split among three children in the ratio 2 : 4 : 4. How much does the child with the LARGEST share get?

3) \$16 is split among three children in the ratio 1 : 3 : 4. How much does the child with the LARGEST share get?

5) \$40 is split among three children in the ratio 2 : 4 : 4. How much does the child with the LARGEST share get?

7) A toy car drives 6 meters every second. At this steady rate, how far does it drive in 20 seconds?

9) A toy car drives 5 meters every second. At this steady rate, how far does it drive in 20 seconds?

2) A toy car drives 6 meters every second. At this steady rate, how far does it drive in 40 seconds?

4) A toy car drives 3 meters every second. At this steady rate, how far does it drive in 40 seconds?

6) In a park, for every 2 oak trees there are 1 pine trees. There are 8 oaks. How many pines are there?

8) \$45 is split among three children in the ratio 3 : 4 : 2. How much does the child with the LARGEST share get?

10) A toy car drives 6 meters every second. At this steady rate, how far does it drive in 30 seconds?
