Blueberry Decimal Divide by 10 and 100

Grade 5 | Decimals | Place value division | Color

Learner: _____ Date: _____

Dividing by 10 or 100 makes each digit worth one tenth or one hundredth as much. Reason with place value instead of a decimal-point trick.

TRY IT

Complete all six prompts. You may write, point, explain aloud, or use a scribe.

1 **47 / 10 = _____**

_____

2 **63 / 100 = _____**

_____

3 **8.5 / 10 = _____**

_____

4 **120.4 / 100 = _____**

_____

5 **____ / 10 = 3.6**

_____

6 **Explain what happens to each digit's value.**

_____



Grown-up check: 4.7; 0.63; 0.85; 1.204; 36; each digit becomes one tenth as valuable for /10 or one hundredth as valuable for /100.

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