Ladybug Area-Model Multiplication

Grade 4 | Multiplication | Partial products | Ink-Saver B&W

Learner: _____ Date: _____

Break one factor into tens and ones. Multiply each part, then add the partial products.

TRY IT

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

1 **23 x 4 = (20 x 4) + (3 x 4) = ____**

_____

2 **36 x 5 = (30 x 5) + (6 x 5) = ____**

_____

3 **42 x 7 = ____ + ____ = ____**

_____

4 **18 x 6 = ____ + ____ = ____**

_____

5 **Use an area model for 27 x 3.**

_____

6 **Explain why partial products are added.**

_____



Grown-up check: 92; 180; 280 + 14 = 294; 60 + 48 = 108; 60 + 21 = 81; the parts combine to represent the whole rectangle or product.

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