



Sam's Sewing Supplies

- 1** Sam needs more thread for a sewing project. One spool of thread costs 72 cents. Fill out the ratio table below to find out how much 12 spools of thread cost.

Spools of thread	1	2	10	12	
Cost	72				

- a** How much do 12 spools of thread cost?
- b** How would you figure out how much 24 spools of thread cost?
- c** Write an expression with parentheses to show how you would figure out how much 24 spools of thread cost.
- 2** Sam saw a sign advertising thread on sale. The sign said, “Thread Sale! 12 spools for 840 cents, 15 spools for 900 cents, and 18 spools for 990 cents.”

Which is the best deal? Why? Show your thinking.

- 3** Write an expression for the calculation.

ex To find 18 times 35, I double 35 and halve 18:

$$(35 \times 2) \times \frac{1}{2} \times (18) \text{ or } (35 \times 2) \times (18 \div 2)$$

- a** To find 38 times 14, I multiply 30 times 14 and 8 times 14 and add the two products together.