Question: Jenna starts out with 8 sapphires. She trades 3 sapphires for two rubies. If sapphires are worth \$800 and rubies are worth \$1200, how much money are all her jewels worth?

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Answer: Jenna starts with 8 sapphires and trades away 3, leaving her with 8 - 3 = 5 sapphires. These 5 sapphires are worth 5 \* \$800 = \$4000. She receives 2 rubies in exchange, and each ruby is worth \$1200, so her rubies are worth 2 \* \$1200 = \$2400. In total, her jewels are worth \$4000 + \$2400 = \$6400 ✓