

**Homework Practice****3MR1.2, 3MG1.3***Problem-Solving Strategy***Solve. Use the *solve a simpler problem* strategy.**

- Tommy, Katy and Lily were eating grapes. Tommy ate twice as many grapes as Katy, and Lily ate half as many grapes as Katy. If Katy ate 6 grapes, how many grapes did the three of them eat in all?  
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- Pat and Rich drove to the beach last weekend. It took them twice as long to get back as it did to drive there. If they spent 9 hours traveling to and from the beach, how long did it take them to drive each way?  
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- Rosa was very proud of her floral arrangement. It contained 8 black-eyed susans, 12 tulips, 15 daisies, and the rest were roses. If her arrangement had 4 dozen flowers, how many were roses?  
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- Carol was collecting quarters from different states. She had 5 quarters from California, 8 from Texas, and twice as many from Florida as from California and Texas combined. If Carol had 39 quarters, how many were from Florida?  
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- Amy bought valentines for her class. They were sold in boxes of 8. Amy has 25 students in her class. How many boxes of valentines will she need to purchase?  
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- Sean's baby brother sleeps about 13 hours a day. If he takes 2 two-hour naps, how long does he sleep at night?  
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**Find the area of each figure. (Lesson 10-3)**

- a yard that is 30 meters by 8 meters  
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- a photo that it 5 in. by 8 in.  
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- a kitchen that is 12 ft by 11 ft.  
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- a placemat that is 12 in. by 18 in.  
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