# Commentary
Jupiter, IX

1. **(96)** Students can count the cubes in layers. There would be 16 on each of the 6 layers, or 16 x 6 total cubes.

2. **($5)** Students can compute 25% of $10, 15% of $10, and 10% of $10 and add to get $5 spent. Then $10 - $5 gives $5 left to spend. Another way is to add the 3 percents (25%, 15%, and 10%) to get 50% spent. Then 50% of $10 was not spent, and 50% of $10 is $5.

3. **(See diagram below. 3/16)** Students might show the circle cut in half, then one of the halves cut in half to get fourths, then one of those fourths cut into four pieces, and three of them shaded (see below). If so, it would take 16 of the smaller pieces to make the whole circle, so each is 1/16. Three shaded sixteenths would be 3/16.
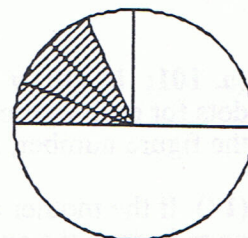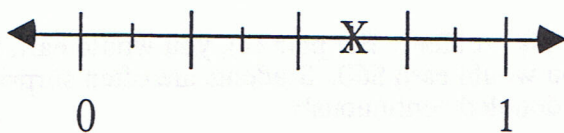

4. **(6)** One possible diagram is:
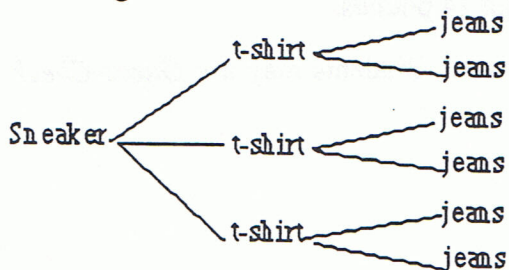
5. **(3x - $14.62 or 3 x x - $14.62 or $x + x + x$ - $14.62 or any equivalent expression)**

6. **(143)** Students will add to find the answer.

7.

8.

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