1. A bank charges 5.25672% annual percentage rate on a home mortgage. What is this number rounded to the nearest tenth?

A 5.2

B 5.25

C 5.3

D 6

2.

What fraction of the rectangle is shaded?

A $\frac{2}{8}$

B $\frac{4}{8}$

C $\frac{3}{6}$

D $\frac{5}{8}$

3. How would you get the variable alone in the equation $4y = 3$?

A Divide both sides of the equation by 4

B Add 4 to both sides of the equation

C Multiply both sides of the equation by 4

D Subtract 3 from both sides of the equation

4. Draw a picture to show $\frac{4}{7}$ as a part of a set.

5. Evaluate the expression for $m = 2$.
$5m + 2(m + 8) + 3$

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6. Carla checked 8 books out of the library. This was 3 more than Lee checked out. How many books did Lee check out of the library? Write an equation to solve the problem, then write the answer.

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7. Jim's book club offers 1 free book for every 4 books he buys. How many books would Jim have to buy to get 6 free books?

Books bought	4	8	12	16	20	
Free books	1	2	3	4	5	6

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