

CHAPTER
5**Quiz 1***For use after Lessons 5.1–5.4*

Write an equation in slope-intercept form of the line that passes through the given point and has the given slope m .

1. $(2, 3); m = 2$
2. $(5, -4); m = -1$
3. $(6, 2); m = -\frac{1}{2}$
4. $(-3, -1); m = \frac{4}{5}$

Write an equation in point-slope form of the line that passes through the given points.

5. $(2, -2), (5, 7)$
6. $(6, 4), (2, 1)$

Write an equation in standard form of the line that passes through the given points.

7. $(0, 3), (2, -3)$
8. $(1, -1), (4, 2)$
9. A racquetball club charges \$10 for a one-month trial membership. After the trial month, the regular membership fee is \$12 per month. Write an equation that gives the total cost of a membership C as a function of the length of membership m (in months).
10. Use your equation from Exercise 9 to find the total cost of membership after 8 months.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____

6. _____

7. _____
8. _____
9. _____
10. _____