

Answer Key

Testname: M100FINAL A

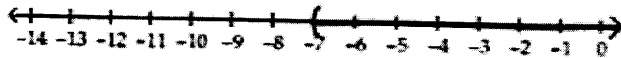
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) B

SHORT ANSWER. Write the solution or phrase that best completes each statement or answers the question.

2) $-10p - 41$

3) $(-7, \infty)$



4) $\{1\}$

5) $\left\{\frac{45}{2}\right\}$

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

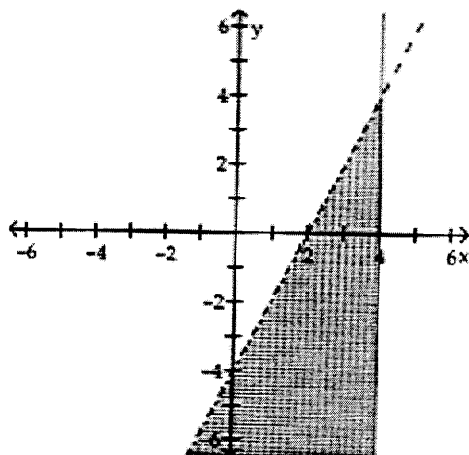
6) C

SHORT ANSWER. Write the solution or phrase that best completes each statement or answers the question.

7) $r = \frac{A - P}{Pn}$

8) 3000 copies

9)



MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

10) A

SHORT ANSWER. Write the solution or phrase that best completes each statement or answers the question.

11) $8x + 13y = -33$

12) $y = -\frac{4}{3}x + 4$

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

13) D

SHORT ANSWER. Write the solution or phrase that best completes each statement or answers the question.

14) $\{(0, 1)\}$

15) 14 quarters

16) -1

17) $3x^2 - 2x - 4$

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- 18) $9x^{11}y^{22}$
- 19) $2x^4 + 3x^3 - 27x^2 - 2x + 6$
- 20) $3x^2 + 25x - 18$
- 21) $81m^2 + 198m + 121$
- 22) $-x^3 + 9x^2 - 2x + 9$
- 23) $(4z + 3)(5z - 2)$
- 24) $8(x + y)(x - 4y)$
- 25) $(x^2 + 9)(x - 2)$
- 26) $(x - 2)(x^2 + 2x + 4)$
- 27) $(5y^2 + 8)(5y^2 - 8)$
- 28) $\{-4, 3\}$
- 29) $\frac{2}{x - 6}$
- 30) $\frac{6\sqrt{11}}{11}$
- 31) $32\sqrt{3}$
- 32) $\{6\}$
- 33) $x^{11/5}$
- 34) $\{9, -9\}$