

HW 8-1 Polynomial Division

Period _____

Divide.

1) $(x^3 + 17x^2 + 74x + 18) \div (x + 9)$

2) $(9k^4 + 36k^3 + 31k^2 + 19k + 21) \div (k + 3)$

3) $(7b^3 - 57b^2 - 50b - 36) \div (b - 9)$

4) $(a^5 - 4a^4 + 3a^3 - 36a^2 - 28a + 40) \div (a - 5)$

5) $(p^5 - 12p^3 + 11p^2 - 16p + 16) \div (p + 4)$

6) $(r^4 + 4r^3 - 26r^2 - 25r + 70) \div (r + 7)$

7) $(m^5 - 3m^4 + 4m^2 + 3m - 1) \div (m + 1)$

8) $(5a^3 + 29a^2 + 18a - 15) \div (a + 5)$

9) $(n^5 - 3n^4 + 7n^3 - 14n^2 + 5n + 11) \div (n - 2)$

10) $(n^4 + 2n^3 - 2n - 5) \div (n + 2)$

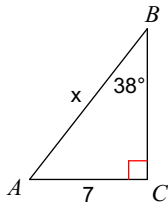
Find a positive and a negative coterminal angle for each given angle.

11) -510°

12) $-\frac{11\pi}{3}$

Find the measure of each side indicated. Round to the nearest tenth.

13)



Find the measure of each angle indicated. Round to the nearest tenth.

14)

