

AP Calculus
Warm Up Day 4

Name _____

Date _____

Simplify.

1. Write the equation of the line that contains $(-1, 7)$ and is parallel to the line $y = -2x - 5$.

2.
$$\frac{a^{3b} - a^{4b} + a^{b+2}}{a^b}$$

Factor.

3. $7y^4 - 56y^3 + 112y^2$

Solve.

4.
$$\frac{p}{p-5} + 3 = \frac{5}{p-5}$$

Simplify.

5. $\sqrt{81 - 18m + m^2}$

1.
Answer: $y = -2x + 5$
CodePath: EAS.ALG.P.H.37
2.
Answer: $a^{2b} - a^{3b} + a^2$
CodePath: EAS.TRI.A.B.173
3.
Answer: $7y^2(y - 4)^2$
CodePath: EAS.TRI.A.D.7
4.
Answer: \emptyset
CodePath: EAS.TRI.A.G.42
5.
Answer: $9 - m$
CodePath: EAS.TRI.B.A.219