

Name \_\_\_\_\_

Date \_\_\_\_\_

Solve.

1. Approximate the positive real root of  $x(x^2 - 2) = 5$ .

a) 1.095

b) 2.025

c) 2.095

d) 2.099

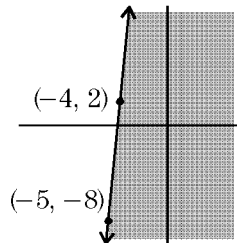
e) 2.955

2.  $2 \sin \theta + \sqrt{2} = 0$

3.  $3e^{2x-1} = 12$

Write the equation of the line or half-plane.

4.



1.

Answer:        c

CodePath:    EAS.APC.B.E.1

2.

Answer:         $\frac{5\pi}{4}, \frac{7\pi}{4}$

CodePath:    EAS.TRI.Q.D.17

3.

Answer:         $x = \frac{1+\ln 4}{2} \approx 1.19$

CodePath:    EAS.TRI.K.F.81

4.

Answer:         $y \leq 10x + 42$

CodePath:    EAS.TRI.E.E.34