

Solve.

$$\begin{aligned}
\left(x+2\right)^{\frac{1}{2}} = 6(x-3)^{-\frac{1}{2}} \\
\times +2 &= 36(x-3)^{-1} \\
\frac{x+2}{1} &= \frac{36}{x-3} \implies (x+2)(x-3) = 36 \\
y^{2} - y - 6 = -36 \\
-36 &= -36 \\
-36 &= -36
\end{aligned}$$

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\left(x+2\right)(x-3) &= 36 \\
y^{2} - y - 6 = -36 \\
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\end{aligned}$$

Solve.

$$(\sqrt{x+6})^2 = (5\sqrt{x-12})^2$$

 $X+6 = 25(x-12)$
 $X+6 = 25x-300$
 $306 = 24x$
 $X = 12.75$

Solve.

$$(x + 13)^{\frac{1}{4}} - (x + 1)^{\frac{1}{2}} = 0$$

$$+ (x + 1)^{\frac{1}{2}} + (x + 1)^{\frac{1}{2}}$$

$$(x + 13)^{\frac{1}{4}} - (x + 1)^{\frac{1}{2}}$$

$$(x + 13)^{\frac{1}{4}} - (x + 1)^{\frac{1}{2}}$$

$$\times + 13 = (x + 1)^{\frac{1}{2}}$$

$$x + 13 = (x + 1)^{\frac{1}{2}}$$

$$(x + 13)^{\frac{1}{4}} - (x + 1)^{\frac{1}{2}}$$

$$x + 13 = (x + 1)^{\frac{1}{2}}$$

$$(x + 13)^{\frac{1}{4}} - (x + 1)^{\frac{1}{4}}$$

$$(x + 13)^{\frac{1}{4}$$





Solve. $\left(\sqrt{\sqrt{x+25}}\right)^2 = \left(\sqrt{x+5}\right)^2$ $(\sqrt{X+25})^2 = (X+5)^2$ $X + 25 = X^{2} + 10X + 25$ 0 = X2+9x Q = X(X+d)X=0,-X

You can now finish Hwk #11 Sec 7-5 Pages 394-396 Problems 6, 7, 9, 17, 18, 21-23, 54

Solve.

$$\begin{pmatrix}
\sqrt{x} \\ = \sqrt{x-8} + 2 \\
\chi = \sqrt$$