Absolute value of a rational number

A. Fill in the Blanks.

i. $\frac{5}{-13} = \frac{15}{\ldots} = \frac{\ldots}{-65}$

ii. $\frac{-8}{12} = \frac{\ldots}{36} = \frac{-96}{\ldots}$

iii. $\frac{-315}{1350} = \frac{-63}{\ldots} = \frac{\ldots}{150}$

B. Express $\frac{-5}{6}$ as a rational number with denominator.

i. – 54

ii. 63

iii. -30

iv. 18

C. Express $\frac{420}{-720}$ as a rational number with numerator.

i. – 35

ii. – 105

iii. – 70

iv. 60

v. 84

D. Find x such that

i. $\frac{-21}{8} = \frac{x}{56}$

ii. $\frac{-13}{-17} = \frac{104}{x}$

iii. $\frac{x}{95} = -6$

E. Are the three rational numbers: $\frac{3}{7}, \frac{-3}{7}$ and $\frac{3}{-7}$ equivalent?