

TI -73 REVIEW EXERCISES

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1. Evaluate: $\sqrt{47^2 - 18.5}$ (fixed 4)

2. Evaluate: $\frac{1.07 - 3.45^3}{p + 0.41}$ (fixed 4)

3. Evaluate: $\frac{1.807 - 3.45^3}{p + 0.41}$ (fixed 4)

4. Evaluate: $\frac{1.807 - 3.75^3}{p + 0.41}$ (float)

5. Write your answers in three equivalent ways (fraction, mixed number, decimal (float)):

a) $\frac{7}{8} + \frac{11}{6}$

b) $8\frac{3}{14} - 3\frac{11}{12}$

c) $2\frac{5}{9} - \frac{2}{3}$
 $3\frac{3}{8} + \frac{1}{6}$

6. Put your calculator into Mansimp mode. Then simplify this fraction with you telling the calculator what to divide numerator and denominator by:

$$\frac{504}{756}$$

7. a) Divide: $5407 \div 45$ (float)

b) Find the quotient and remainder: $5407 \div 45$

8. Convert: (fixed 2)

a) 1000 km = _____ miles

b) 2 weeks = _____ minutes

c) 99 ft/sec = _____ mph

9. Graph using Zoom Standard: $y1 = -2x + 5$ (normal)

$$y2 = x^2 - 3 \text{ (bold)}$$

**TI -73 REVIEW EXERCISES
SOLUTIONS**

1. 46.8028

2. - 11.2608

3. - 11.0532

4. - 14.33930632

5. a) $2\frac{17}{24} = \frac{65}{24} \approx 2.708333333$

b) $4\frac{25}{84} = \frac{361}{84} \approx 4.297619048$

c) $\frac{8}{15} = .5\bar{3}$

6. $\frac{2}{3}$

7. a) 120.1555556

b) 120 r 7

8. a) 621.37 miles

b) 20,160 minutes

c) 67.5 mph

9.

