

# Ch. 2 Practice Test

①  $-\frac{3}{11}$

100  
3  $\div$  11

$$\begin{array}{r} \times 27 \\ 11 \overline{) 3.00} \\ \underline{-22} \phantom{0} \\ 80 \\ \underline{-77} \\ \phantom{0} 3 \end{array}$$

1st  
3  $\div$  11

$$= -\overline{27}$$

⑦  $-3\frac{7}{9} + (-2\frac{1}{3}) = -$

$3\frac{7}{9} \rightarrow \frac{7}{9}$

$+2\frac{1}{3} \rightarrow \frac{3}{3} = \frac{3}{9}$

---

5  $\frac{10}{9} = (1\frac{1}{9}) + 5 = 6\frac{1}{9}$

②  $-3\frac{13}{20} = -3.65$

$$\frac{13}{20} \cdot \frac{5}{5} = \frac{65}{100} = .65$$

③  $3.42 = 3\frac{42}{100} = 3\frac{21}{50}$

$$\frac{42}{100} \div \frac{2}{2} = \frac{21}{50}$$

⑧  $\frac{13}{4} + (+4\frac{9}{10}) =$

$\frac{13}{4} \cdot \frac{5}{5} = \frac{65}{20}$

$+4\frac{9}{10} \cdot \frac{2}{2} = 4\frac{18}{20}$

---

$\frac{83}{20} = 4\frac{3}{20}$

$+4 = +4$

---

$8\frac{3}{20}$

④  $\frac{83}{20}$

④  $-0.35 = -\frac{35}{100} \div \frac{5}{5} = -\frac{7}{20}$

⑤  $-2.34 > -2.43$

\$5 - \$2.34 = more left

\$5 - \$2.43 =

⑥  $\frac{16}{11} = 1.45$

100  
16  $\div$  11

$$\begin{array}{r} \times 1045 \\ 11 \overline{) 16.00} \\ \underline{-11} \phantom{00} \\ 50 \\ \underline{-44} \phantom{0} \\ 60 \\ \underline{-55} \\ \phantom{0} 5 \end{array}$$

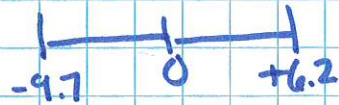
⑨  $15.36 + (-12.095)$

$$\begin{array}{r} 2 \phantom{0} 15 \\ 15.360 \\ -12.095 \\ \hline 3.265 \end{array}$$

(13)

$$\begin{array}{r} 9.7 \\ +6.2 \\ \hline 15.9 \end{array}$$

opposite sides  
Add Ab. Val

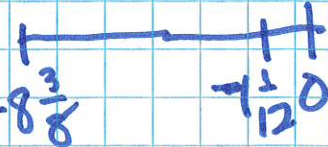


Put this secret word on your test for an extra credit point: **Snoopy**

(12)

$$8\frac{3}{8} \cdot \frac{3}{3} = 8\frac{9}{24}$$

Same side



$$-1\frac{1}{12} \cdot \frac{2}{2} = -1\frac{2}{24}$$

$$7\frac{7}{24}$$

Sub Ab. value  
Distance = (+)

(11a)

$$3\frac{2}{3} \cdot \frac{4}{4} = 3\frac{8}{12}$$

$$+ \frac{3}{4} \cdot \frac{3}{3} = \frac{9}{12}$$

$$3\frac{17}{12} = 4\frac{5}{12}$$

(11b)

$$2\frac{3}{12} \cdot \frac{8}{8} + \frac{12}{12} = 2\frac{20}{12}$$

$$\begin{array}{r} 2\frac{20}{12} \\ - \frac{9}{12} \\ \hline 2\frac{11}{12} \end{array}$$

$$2\frac{11}{12}$$

(10)

$$-7.91 + (+5.28) \quad \text{SUBTRACT}$$



$$\begin{array}{r} 7.91 \\ -5.28 \\ \hline 2.63 \end{array}$$

$$-2.63$$

went further negative than positive

← This page starts here.  
← Went backwards

20  $3\frac{1}{3}$  hrs

$3 \times 60 = 180$  min

$\frac{1}{3} \cdot \frac{60}{1} = 20$  min

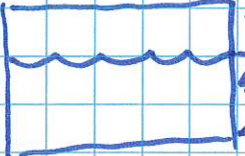
**200 min**

19 Total of 3.15 oz  
1 bag .45 oz

$45 \overline{) 3.15}$

**7 packs**

$45 \overline{) 315}$   
3 x 7

18   $\leftarrow 10\frac{1}{2}$  gallons  
 $\left. \begin{array}{l} \\ \end{array} \right\} \frac{2}{3}$  full

multiply!

$\frac{2}{3}$  of  $10\frac{1}{2}$

$\frac{2}{3} \cdot \frac{217}{21} = 7$  gal

17  $12.3(-5.2)$

$$\begin{array}{r} 12.3 \\ \times 5.2 \\ \hline 246 \\ + 6150 \\ \hline 6396 \end{array}$$

**-63.96**

16  $4.16 \div 2.6 =$

Top 1st 2nd  
3 2 3

$2.6 \overline{) 4.16}$

$3 \overline{) 2}$

$$\begin{array}{r} 3 \times 1.6 \\ 26 \overline{) 41.6} \\ -26 \phantom{0} \\ \hline 156 \\ -156 \\ \hline 0 \end{array}$$

**= 1.6**

15

$-\frac{15}{6} \div 4\frac{2}{5}$   
 $-\frac{11}{6} \div \frac{22}{5}$

K 1st  
F 2nd  
C ÷

$-\frac{11}{6} \cdot \frac{5}{22} = -\frac{5}{12}$

14  $-2\frac{1}{3}(5\frac{1}{4})$

$-\frac{7}{3} \cdot \frac{21}{4} = -\frac{49}{4} = -12\frac{1}{4}$

$4 \overline{) 49}$   
48  
1

~~$8\frac{3}{8} - 1\frac{1}{2} =$~~

WORKED  
Backwards