

**Systematic Review 3F**

1.  $1 \times 10^0 + 1 \times \frac{1}{10^3}$
2.  $1 \times 10^3 + 3 \times 10^2 + 5 \times 10^1 + 8 \times 10^0 + 9 \times \frac{1}{10^1} + 1 \times \frac{1}{10^2}$
3. 6528.05
4. 2000.986
5.  $9.00 + .80 + .07 = \$9.87$
6.  $2.00 + .00 + .08 = \$2.08$
7.  $3^4 = 81$
8.  $1^3 = 1$
9.  $10^0 = 1$
10.  $5^2 = 25$
11.  $\frac{9}{10} = \frac{18}{20} = \frac{27}{30} = \frac{36}{40}$
12.  $\frac{1}{6} = \frac{2}{12} = \frac{3}{18} = \frac{4}{24}$
13.  $\frac{5}{30} \div \frac{5}{5} = \frac{1}{6}$
14.  $\frac{14}{35} \div \frac{7}{7} = \frac{2}{5}$
15.  $\frac{20}{40} \div \frac{20}{20} = \frac{1}{2}$
16.  $\frac{18}{27} \div \frac{9}{9} = \frac{2}{3}$
17.  $6.00 + .09 = \$6.09$
18.  $100 \div 100 = 1$ ;  
 $1 \times 7 = 7$  cents
19.  $\frac{9}{12} = \frac{3}{4}$  of the dishes
20.  $20 \div 5 = 4$ ;  
 $4 \times 4 = 16$  questions

6.  $3.2$   
 $\begin{array}{r} + .4 \\ \hline 3.6 \end{array}$
7.  $1.13$   
 $\begin{array}{r} + 1.68 \\ \hline 2.81 \end{array}$
8.  $1.67$   
 $\begin{array}{r} + .42 \\ \hline 2.09 \end{array}$
9.  $1.5$   
 $\begin{array}{r} + 1.2 \\ \hline 2.7 \end{array}$
10.  $2.1$   
 $\begin{array}{r} + .8 \\ \hline 2.9 \end{array}$
11.  $1.16$   
 $\begin{array}{r} + 1.46 \\ \hline 2.62 \end{array}$
12.  $3.90$   
 $\begin{array}{r} + .02 \\ \hline 3.92 \end{array}$
13.  $2.6$   
 $\begin{array}{r} + 1.5 \\ \hline 4.1 \end{array}$
14.  $1.8$   
 $\begin{array}{r} + 1.3 \\ \hline 3.1 \end{array}$
15.  $3.00$   
 $\begin{array}{r} + 1.62 \\ \hline 4.62 \end{array}$
16.  $4.48$   
 $\begin{array}{r} + .10 \\ \hline 4.58 \end{array}$
17.  $\$4.50$   
 $\begin{array}{r} + \$ .30 \\ \hline \$4.80 \end{array}$
18.  $1.5$   
 $\begin{array}{r} + 2.72 \\ \hline 4.22 \text{ km} \end{array}$

**Lesson Practice 4A**

1. done
2. done
3.  $1.53$   
 $\begin{array}{r} + 1.12 \\ \hline 2.65 \end{array}$
4.  $2.17$   
 $\begin{array}{r} + .31 \\ \hline 2.48 \end{array}$
5.  $1.8$   
 $\begin{array}{r} + 1.0 \\ \hline 2.8 \end{array}$

## Lesson Practice 4B

$$\begin{array}{r} 1 \\ 1. \quad 7.1 \\ + 6.2 \\ \hline 13.3 \end{array}$$

$$\begin{array}{r} 1 \\ 2. \quad 5.9 \\ + 1.2 \\ \hline 7.1 \end{array}$$

$$\begin{array}{r} 1 \\ 3. \quad 2.45 \\ + 5.07 \\ \hline 7.52 \end{array}$$

$$\begin{array}{r} 1 \\ 4. \quad 4.13 \\ + 1.96 \\ \hline 6.09 \end{array}$$

$$\begin{array}{r} 5. \quad 7.0 \\ + 2.8 \\ \hline 9.8 \end{array}$$

$$\begin{array}{r} 6. \quad 1.5 \\ + 9.3 \\ \hline 10.8 \end{array}$$

$$\begin{array}{r} 1 \\ 7. \quad 8.84 \\ + 3.09 \\ \hline 11.93 \end{array}$$

$$\begin{array}{r} 8. \quad .437 \\ + .250 \\ \hline .687 \end{array}$$

$$\begin{array}{r} 1 \\ 9. \quad 8.8 \\ + 3.4 \\ \hline 12.2 \end{array}$$

$$\begin{array}{r} 10. \quad 6.2 \\ + .4 \\ \hline 6.6 \end{array}$$

$$\begin{array}{r} 1 \\ 11. \quad 2.70 \\ + 9.41 \\ \hline 12.11 \end{array}$$

$$\begin{array}{r} 1 \\ 12. \quad 5.52 \\ + .60 \\ \hline 6.12 \end{array}$$

$$\begin{array}{r} 13. \quad 3.9 \\ + 4.0 \\ \hline 7.9 \end{array}$$

$$\begin{array}{r} 1 \\ 14. \quad 7.5 \\ + .8 \\ \hline 8.3 \end{array}$$

$$\begin{array}{r} 15. \quad 4.15 \\ + 3.00 \\ \hline 7.15 \end{array}$$

$$\begin{array}{r} 11 \\ 16. \quad .524 \\ + .277 \\ \hline .801 \end{array}$$

$$\begin{array}{r} 1 \\ 17. \quad \$12.90 \\ + 15.50 \\ \hline \$28.40 \end{array}$$

$$\begin{array}{r} 1 \\ 18. \quad .625 \\ + 2.125 \\ \hline 2.750 \text{ litres} \end{array}$$

## Lesson Practice 4C

$$\begin{array}{r} 1 \\ 1. \quad 3.0 \\ + 9.8 \\ \hline 12.8 \end{array}$$

$$\begin{array}{r} 2. \quad 7.1 \\ + 1.3 \\ \hline 8.4 \end{array}$$

$$\begin{array}{r} 1 \quad 1 \\ 3. \quad 1.95 \\ + 8.15 \\ \hline 10.10 \end{array}$$

$$\begin{array}{r} 1 \\ 4. \quad 3.51 \\ + 2.68 \\ \hline 6.19 \end{array}$$

$$\begin{array}{r} 1 \\ 5. \quad 5.9 \\ + .4 \\ \hline 6.3 \end{array}$$

$$\begin{array}{r} 6. \quad 4.1 \\ + 3.0 \\ \hline 7.1 \end{array}$$

$$\begin{array}{r} 1 \\ 7. \quad 2.34 \\ + .71 \\ \hline 3.05 \end{array}$$

$$\begin{array}{r} 8. \quad .440 \\ + .300 \\ \hline .740 \end{array}$$

$$\begin{array}{r} 1 \\ 9. \quad 6.5 \\ + 5.0 \\ \hline 11.5 \end{array}$$

$$\begin{array}{r} 10. \quad \begin{array}{r} 1 \\ 2.8 \\ +5.9 \\ \hline 8.7 \end{array} \end{array}$$

$$\begin{array}{r} 11. \quad \begin{array}{r} 1 \ 1 \\ 7.48 \\ +1.93 \\ \hline 9.41 \end{array} \end{array}$$

$$\begin{array}{r} 12. \quad \begin{array}{r} .162 \\ +8.000 \\ \hline 8.162 \end{array} \end{array}$$

$$\begin{array}{r} 13. \quad \begin{array}{r} 8.7 \\ + 8.1 \\ \hline 16.8 \end{array} \end{array}$$

$$\begin{array}{r} 14. \quad \begin{array}{r} 6.0 \\ + .1 \\ \hline 6.1 \end{array} \end{array}$$

$$\begin{array}{r} 15. \quad \begin{array}{r} 1 \\ .731 \\ + .402 \\ \hline 1.133 \end{array} \end{array}$$

$$\begin{array}{r} 16. \quad \begin{array}{r} 1.125 \\ + .112 \\ \hline 1.237 \end{array} \end{array}$$

$$\begin{array}{r} 17. \quad \begin{array}{r} 4.3 \\ + .5 \\ \hline 4.8 \text{ kg} \end{array} \end{array}$$

$$\begin{array}{r} 18. \quad \begin{array}{r} 2.045 \\ + .5 \\ \hline 2.545 \text{ cm} \end{array} \end{array}$$

**Systematic Review 4D**

$$\begin{array}{r} 1. \quad \begin{array}{r} 1 \\ 1.5 \\ + 9.3 \\ \hline 10.8 \end{array} \end{array}$$

$$\begin{array}{r} 2. \quad \begin{array}{r} 1 \\ 5.9 \\ +1.6 \\ \hline 7.5 \end{array} \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} 6.34 \\ +2.41 \\ \hline 8.75 \end{array} \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 1 \\ 1.82 \\ + 9.3 \\ \hline 11.12 \end{array} \end{array}$$

$$5. \quad 2^3 = 8$$

$$6. \quad 6^2 = 36$$

$$7. \quad 10^4 = 10\ 000$$

$$8. \quad 7^2 = 49$$

$$9. \quad 1 \times 100 + 7 \times 10 + 6 \times 1 + 2 \times \frac{1}{10} + 1 \times \frac{1}{100}$$

$$10. \quad 6 \times \frac{1}{10} + 8 \times \frac{1}{100} + 5 \times \frac{1}{1000}$$

$$11. \quad 4 \times 1 + 5 \times \frac{1}{10}$$

$$12. \quad \frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16}$$

$$13. \quad \frac{5}{8} = \frac{10}{16} = \frac{15}{24} = \frac{20}{32}$$

$$14. \quad \frac{1}{4} + \frac{3}{5} = \frac{5}{20} + \frac{12}{20} = \frac{17}{20}$$

$$15. \quad \frac{3}{4} + \frac{1}{6} = \frac{18}{24} + \frac{4}{24} = \frac{22}{24} = \frac{11}{12}$$

$$16. \quad \frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$$

$$\begin{array}{r} 17. \quad \begin{array}{r} 188.13 \\ + 4.38 \\ \hline 192.51 \text{ cm} \end{array} \end{array}$$

$$18. \quad \begin{array}{l} 12 \div 6 = 2 \text{ spoiled apples} \\ 12 - 2 = 10 \text{ good apples} \end{array}$$

**Systematic Review 4E**

$$\begin{array}{r} 1. \quad \begin{array}{r} 1 \ 1 \\ 8.6 \\ + 2.4 \\ \hline 11.0 \end{array} \end{array}$$

$$\begin{array}{r} 2. \quad \begin{array}{r} 3.0 \\ +4.4 \\ \hline 7.4 \end{array} \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} 1 \ 1 \\ 3.07 \\ + 9.25 \\ \hline 12.32 \end{array} \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 5.00 \\ +3.24 \\ \hline 8.24 \end{array} \end{array}$$

$$5. \quad 3^4 = 81$$

$$6. \quad 5^2 = 25$$

$$7. \quad 1^7 = 1$$

$$8. \quad 10^3 = 1000$$

$$9. \quad 4 \times 10^1 + 3 \times 10^0 + 3 \times \frac{1}{10^1}$$

$$10. \quad 6 \times 10^0 + 1 \times \frac{1}{10^1} + 5 \times \frac{1}{10^3}$$

$$11. \quad 2 \times 10^2 + 3 \times \frac{1}{10^1} + 4 \times \frac{1}{10^2}$$

12.  $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$
13.  $\frac{9}{10} = \frac{18}{20} = \frac{27}{30} = \frac{36}{40}$
14.  $\frac{1}{9} + \frac{1}{2} = \frac{2}{18} + \frac{9}{18} = \frac{11}{18}$
15.  $\frac{2}{5} + \frac{5}{6} = \frac{12}{30} + \frac{25}{30} = \frac{37}{30} = 1\frac{7}{30}$
16.  $\frac{1}{10} + \frac{2}{3} = \frac{3}{30} + \frac{20}{30} = \frac{23}{30}$
17. 
$$\begin{array}{r} .5 \\ +.25 \\ \hline .75 \text{ hours} \end{array}$$
18. 
$$\begin{array}{r} 11 \\ 9.5 \\ +11.6 \\ \hline 21.1 \text{ litres} \end{array}$$
19.  $\frac{2}{3} + \frac{1}{5} = \frac{10}{15} + \frac{3}{15} = \frac{13}{15}$  of the problems
20.  $30 \div 15 = 2$ ;  
 $2 \times 13 = 26$  problems
14.  $\frac{3}{5} + \frac{2}{9} = \frac{27}{45} + \frac{10}{45} = \frac{37}{45}$
15.  $\frac{3}{4} + \frac{1}{5} = \frac{15}{20} + \frac{4}{20} = \frac{19}{20}$
16. 
$$\begin{array}{r} \$2.30 \\ +\$1.60 \\ \hline \$3.90 \end{array}$$
17. 
$$\begin{array}{r} 1 \\ \$ 4.00 \\ +\$ 8.30 \\ \hline \$14.80 \end{array}$$
18.  $\frac{5}{15} = \frac{1}{3}$
19.  $\frac{3}{8} + \frac{1}{3} = \frac{9}{24} + \frac{8}{24} = \frac{17}{24}$ ; no
20.  $27 \div 9 = 3$ ;  
 $3 \times 5 = 15$  players

**Lesson Practice 5A**

**Systematic Review 4F**

1. 
$$\begin{array}{r} 5.6 \\ +4.3 \\ \hline 9.9 \end{array}$$
2. 
$$\begin{array}{r} 11 \\ 1.9 \\ + 9.2 \\ \hline 11.1 \end{array}$$
3. 
$$\begin{array}{r} 1 \\ 5.13 \\ + 9.50 \\ \hline 14.63 \end{array}$$
4. 
$$\begin{array}{r} 11 \\ 4.17 \\ +1.95 \\ \hline 6.12 \end{array}$$
5.  $8^2 = 64$
6.  $10^0 = 1$
7.  $4^3 = 64$
8.  $9^2 = 81$
9. 9500.1
10. 158.004
11.  $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$
12.  $\frac{3}{7} = \frac{6}{14} = \frac{9}{21} = \frac{12}{28}$
13.  $\frac{2}{7} + \frac{1}{8} = \frac{16}{56} + \frac{7}{56} = \frac{23}{56}$

1. done
2. 
$$\begin{array}{r} 7 \\ 18.7 \\ - 4.8 \\ \hline 13.9 \end{array}$$
3. 
$$\begin{array}{r} 8 \ 12 \\ 9.35 \\ - 8.46 \\ \hline .89 \end{array}$$
4. 
$$\begin{array}{r} 1 \ 11 \\ 22.10 \\ - 9.6 \\ \hline 12.4 \end{array}$$
5. 
$$\begin{array}{r} 6.4 \\ -5.3 \\ \hline 1.1 \end{array}$$
6. 
$$\begin{array}{r} 4 \\ 5.10 \\ -2.4 \\ \hline 2.6 \end{array}$$
7. 
$$\begin{array}{r} 1 \ 5 \\ 23.60 \\ - 9.43 \\ \hline 14.17 \end{array}$$