

Lesson Practice 3A

1. $(+5) \times (-6) = -30$
2. $(-6) \times (-7) = +42$
3. $(-9) \times (-10) = +90$
4. $(-10) \times (+12) = -120$
5. $(-5) \times (-8) = +40$
6. $(-16) \times (-11) = +176$
7. $(+4) \times (-15) = -60$
8. $(-18) \times (-6) = +108$
9. $(-16) \times (+12) = -192$
10. $(-17) \times (+3) = -51$
11. $(-18) \times (-4) = +72$
12. $(-24) \times (-5) = +120$
13. $(-11) \times (+16) = -176$
14. $(+3) \times (-24) = -72$
15. $(+8) \times (-12) = -96$
16. $(-10) \times (-16) = +160$
17. $(-3) \times (+6) = -18$ games
18. $(\$ - .25) \times (+10) = \$ - 2.50$
19. $(\$ - 30) \times (+12) = \$ - 360$
20. $(+10) \times (+12) = +120 \text{ ft}^2$

Lesson Practice 3B

1. $(+36) \times (-4) = -144$
2. $(-4) \times (-19) = +76$
3. $(-6) \times (-8) = +48$
4. $(-24) \times (-6) = +144$
5. $(-25) \times (-3) = +75$
6. $(-10) \times (+19) = -190$
7. $(-8) \times (+6) = -48$
8. $(-42) \times (+16) = -672$
9. $(-50) \times (-19) = +950$
10. $(+25) \times (-6) = -150$
11. $(+23) \times (-13) = -299$
12. $(-46) \times (-8) = +368$
13. $(-16) \times (-24) = +384$
14. $(-8) \times (-16) = +128$
15. $(-42) \times (-15) = +630$
16. $(-17) \times (+48) = -816$
17. $(\$ - 3) \times (+2) = \$ - 6$
18. $(-10) \times (+5) = -50$ years
19. $(\$ - 682) \times (+4) = \$ - 2,728$
20. $(-3) \times (+9) = -27$ runs

Lesson Practice 3C

1. $(+8) \times (-5) = -40$
2. $(-6) \times (+10) = -60$
3. $(-3) \times (-4) = +12$
4. $(-20) \times (+12) = -240$
5. $(+17) \times (+3) = +51$
6. $(-8) \times (-9) = +72$
7. $(-90) \times (+4) = -360$
8. $(+24) \times (-8) = -192$
9. $(+42) \times (-6) = -252$
10. $(-10) \times (-10) = +100$
11. $(+7) \times (-6) = -42$
12. $(-18) \times (-4) = +72$
13. $(-36) \times (+4) = -144$
14. $(+13) \times (-4) = -52$
15. $(-17) \times (-3) = +51$
16. $(+19) \times (-51) = -969$
17. $(\$ - 2) \times (+5) = \$ - 10$
18. $(-32) \times (+21) = -672$ hairs
19. $(-4) \times (+10) = -40$ losses
20. $(+7) \times (+14) = +98 \text{ ft}^2$

Systematic Review 3D

1. $(+17) \times (-6) = -102$
2. $(+22) \times (-11) = -242$
3. $(-5) \times (-9) = +45$
4. $(-10) \times (+5) = -50$
5. $(+6) \times (-7) = -42$
6. $(-16) \times (+9) = -144$
7. $(+5) - (+10) =$
 $(+5) + (-10) = -5$
8. $(-6) + (-9) = -15$
9. $(+14) + (-3) = +11$
10. $20 \div 2 = 10$
 $10 \times 1 = 10$
11. $15 \div 3 = 5$
 $5 \times 2 = 10$
12. $27 \div 9 = 3$
 $3 \times 4 = 12$
13. $\frac{1}{10} + \frac{7}{10} = \frac{8}{10}$
14. $\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$
15. $\frac{4}{8} + \frac{1}{8} = \frac{5}{8}$
16. $\frac{7}{12} - \frac{3}{12} = \frac{4}{12}$

$$17. \frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$$

$$18. \frac{2}{5} = \frac{4}{10} = \frac{6}{15} = \frac{8}{20}$$

$$19. (-2) \times (+13) = -26 \text{ gallons}$$

$$20. (+9) + (-2) = +7 \text{ miles}$$

Systematic Review 3E

1. $(+16) \times (-10) = -160$
2. $(+17) \times (-10) = -170$
3. $(+23) \times (+11) = +253$
4. $(-8) \times (-4) = +32$
5. $(-7) \times (-8) = +56$
6. $(+10) \times (-11) = -110$
7. $(+8) - (+19) =$
 $(+8) + (-19) = -11$
8. $(+17) + (-5) = +12$
9. $(-63) - (-50) =$
 $(-63) + (+50) = -13$
10. $18 \div 3 = 6$
 $6 \times 1 = 6$
11. $49 \div 7 = 7$
 $7 \times 3 = 21$
12. $44 \div 11 = 4$
 $4 \times 2 = 8$
13. $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$
14. $\frac{5}{6} + \frac{1}{6} = \frac{6}{6}$
15. $\frac{4}{13} + \frac{5}{13} = \frac{9}{13}$
16. $\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16}$
17. $\frac{5}{8} = \frac{10}{16} = \frac{15}{24} = \frac{20}{32}$
18. $\frac{1}{8} + \frac{2}{8} = \frac{3}{8}$ of the house
19. $(\$ + 25) + (\$ - 30) = \$ - 5$
20. $(+5) \times (+5) = +25 \text{ mi}^2$

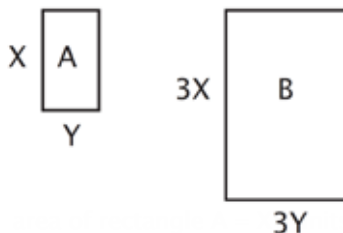
Systematic Review 3F

1. $(+14) \times (-5) = -70$
2. $(-18) \times (+11) = -198$
3. $(-9) \times (-12) = +108$
4. $(+14) \times (-6) = -84$
5. $(-19) \times (-23) = +437$
6. $(-19) \times (+17) = -323$
7. $(+32) + (-18) = +14$
8. $(-94) + (-7) = -101$
9. $(+58) - (+100) =$
 $(+58) + (-100) = -42$
10. $20 \div 5 = 4$
 $1 \times 4 = 4$
11. $21 \div 3 = 7$
 $7 \times 2 = 14$
12. $50 \div 10 = 5$
 $5 \times 3 = 15$
13. $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$
14. $\frac{4}{7} - \frac{2}{7} = \frac{2}{7}$
15. $\frac{1}{9} + \frac{5}{9} = \frac{6}{9}$
16. $\frac{1}{6} = \frac{2}{12} = \frac{3}{18} = \frac{4}{24}$
17. $\frac{3}{7} = \frac{6}{14} = \frac{9}{21} = \frac{12}{28}$
18. $\frac{5}{12} - \frac{3}{12} = \frac{2}{12}$ of a pizza
19. $(\$ + 15) \times (+4) = \$ + 60$
20. $(\$ - 20) \times (+4) = \$ - 80$
 $(\$ - 80) + (\$ 60) = \$ - 20$

Application and Enrichment Lesson 3

1. $68 \div 4 = 17$ units on a side
 $17 \times 17 = 289$ units²
2. $8 \times 6 = 48$ units²
 $16 \times 12 = 192$ units²
 $192 \div 48 = 4$ times the original
3. $4 \times 3 = 12$ units²
 $12 \div 48 = \frac{1}{4}$ the original

4.



area of rectangle B = $9XY$ units²
 $9XY \div XY = 9$
 The area of B is 9 times that of A.

5. 39
6. 13 This can easily be solved by drawing a diagram or a number line.
7. rectangle: $14 \times 16 = 224$ in²
 triangle: $\frac{1}{2} \times 14 \times 15 = 105$ in²
 total: $224 + 105 = 329$ in²
8. $3.14(15^2) = 706.5$ in²
 $3.14(12^2) = 452.16$ in²
 $706.5 - 452.16 = 254.34$ in²