Module 6

Section 1 Practice 2

A) 1. 4 4.1 7.3 2.8 5.6 3.9 6.7

B) 8. 500
11. 12,000
9. 80
12. 2000
13. 100

c) 14. 100 15. 341 17. 125, 391

17. 89,91,109,111 20. 909, 932, 1087,1139

23. 15298, 15309, 15356

22. 11098, 12071, 12131

Proctice 2.1

36

5. 190 A = 1.78 3.52 4.455 6.2386 1.672 1.672

> 7. 43 8. 4500 - 383

20. 44 789 * * . 10. 245 30899 B) 9. 20 + 75 188 - 1314 + 33 65 14. 845 -89 436 15. 2095 13. 144 12. 578 - 65 293 -324 2411 238 +101 18. 15890 19. 1087 55 17. 10326 4-22442 W1197 705 16. 1250 11308 15185 700

0) 21. 56

2.2 Lesson

5, 1 1 0 5 5, 1 1 7 3 5 - 2 3 5 - 2 1

1266

7. 730 730 1350 10.101260

15/225

12.

2110 4 B) 13. 30 6. 55 1004 11. 20 10760 74 14. 41 179 376 20. 12 12 14. 41 179 376 20. 12 12 150 4 32 150 360 120361 120/1E8 12/14/140 11. 7462 × 9 67028 21. 15. 3 3 3 0 x 10 300

· Service ·

Practice 3,1

Practice 3.2

A) 1.
$$70$$
6.3
12. -3
2. -21
8. -5
13. -1
4. 18
9. 2
(4. -75
4. 18

c)
$$28. \frac{(-3)(7)(-1)}{(3)(1)}$$

30. C

Practice 4

10 + 6 +8 = 24

25-(-4)=29

$$\frac{25 - (-4)}{5}$$
5) $\frac{27}{3} - \frac{4}{2} = 9 - 2 = 7$
6) $5 \cdot 3 + 5$

7) 8 4 9 - 3 = 14

11) 36 + 125 = 161

$$(3)$$
 $2((36).5) = 360$

4) -9+7+4 = 2

Practice 5

U · OI 14. -156 15. 150 20. -7 (b. 3

76. C 27. C 28, A. c) 25. D

Plactice 1.

A) 1.9 2.4 4.1 6.7 8.1

12.8000 19. 15.2 B) 9. 6561 (3. 1 10.9 19. 1 14. 16 17. 7.5 20. 256 10. 1216 11. 12-2

-- 11 C 79 R

(1)

Practice 8.

A) 1. 2.3 × 10³
2. 4.1 × 10⁻⁴
3. 1.24×10⁻⁷

 $9.1.432 \times 10^{10}$ $5.3.1 \times 10^{7}$ $6.9.5 \times 10^{-3}$

7. 5.6 x 10 7 6. 1.3 x 10 9 9. 9. 0 x 10

B) 10.0005173
11.3,700000
12.46000000

14.0.0000 15.916,000 16.85,710,000

C) 18. 2.35 x 12 20. 2,67 9,00 90 00 21. 3.0 x 108

D) 22. B 23. D

Practice 9.1

5.0 6. A 7.0 4. C

Practice 9.2

3. B 34+69=1430 4. C

8. 10 x 8 = 10 (B)

Practice W.

A) ?, distance

d=16

3. Fime 4. Price per unit

16) 3 hr

t = t

6. number of units 5, 1034

5 = n

2 200 Mi

b) 7) b48
11) 57
14) 1 hi

6) \$36
12) 180 mi 15) 90 mrh

9) \$80

Section 2 Lesson 7

A) 1.3.8 7.6.0 4.6.6.7 6. 2.714

B) 7-0.45
9.4.68
11.1.029
10-1.85
12.0.14

C) 13. 5.68, 5.6, 5.8, 5.802

14. D'1136, 0.115, 0.16,0.6 15. 4.52, 4.667, 4.8,14.005 16. 0.8,0.8023,0.803,0.823 18. D 0) 17. D 2 17 6 12 Practice 2.1 10. 5.8 4. 8.0x 7.17.294 -2.905 A) 1. 4.025 7 0 . 8 -2.19 -6.85 0.805 +3.971 16.494 7.996 4 9 10 3 14 11. 1x, k4 5. 6.800 8.4.87 7. 6.5 +1.047 - LDIN 7.01 + 4.008 7 426 3.14 10.508 3.917 12. 100, 37 9. 17.52 1. 181 - 98.15 3.8 7.89 + 9.46 21.32 2.35

12-66 2.11 3) 25) Practice 10, 1.251 6 53.12 00.25 11. 20137.36 8.13.5 5. 8 Te6.8 20.25

0.51 0.375 4.09 6-5520.43 12.0.2035 47.40 12.4 0.45 26-25, 3-8 50.0 1.14

Practice 3

A) $1.\frac{3}{5}$ $2.\frac{3}{4}$

$$(5)$$
 +. $(\frac{1}{3})$ 5, $(\frac{3}{2})$ 6. $(\frac{3}{4})$ 6. $(\frac{3}{4})$ 7. $(\frac{3}{4})$ 8. $(\frac{1}{4})$ 9. $(\frac{4}{4})$

$$(6)$$
 25. (3) (4) (3)

9)
$$\frac{3}{16}$$
. $\frac{5}{16} + \frac{14}{16} = \frac{14}{16} \Rightarrow \frac{3}{16} \Rightarrow 0$
 $\frac{27}{8} = \frac{13}{8} \Rightarrow \frac{15}{8} \Rightarrow 0$

Plactice 4.2

22.
$$\frac{101}{8}$$
 $43 = \frac{303}{8} = 37$ 0

Practice 5.

Practice L.

$$4)$$
 $\frac{16}{24} = \frac{8}{12} = \frac{2}{3}$

Section 3

Practice 1.1

$$2. \frac{1}{6}$$
 3. 12 $4. \frac{2}{3}$ 5. 24

$$\frac{30}{70} = \frac{3}{7}$$

Practice 1-2

A) l. x = 12 3. 2.5 5. $1484 = 4\lambda$ 7.45 1.60 x = 3.71

 $\frac{1}{4} = \frac{1}{5}$ $\frac{1}{4} = \frac{1}{5}$ $\frac{1}{6} = \frac{1}{5}$ $\frac{1}$