PRACTICE 5D

1. Suhua had \$50. Jane had \$10 more than Suhua. What was the ratio of Suhua's money to Jane's money?

2. The ratio of the number of girls to the number of boys in an art club is 3 : 5. If there are 18 girls, how many children are there altogether?

3. Peter and Salim shared 360 stamps in the ratio 7 : 5. How many more stamps did Peter receive than Salim?

4. The ratio of the weight of Parcel A to the weight of Parcel B to the weight of Parcel C is 6 : 5 : 3. If Parcel B weighs 420 g, find the total weight of the three parcels.

5. The perimeter of a triangle is 60 cm. If the sides of the triangle are in the ratio 4 : 3 : 5, find the length of the shortest side.

6. Mary, Sufen and Devi shared a sum of money in the ratio 4 : 2 : 5. If Mary received \$15 more than Sufen, how much money did Devi receive?

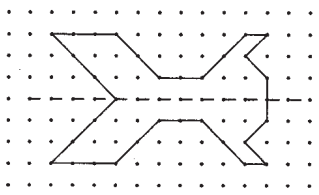
7. The ratio of the number of John's stamps to the number of Peter's stamps is 5 : 8. Peter has 18 more stamps than John. If Peter gives 22 stamps to John, what will be the new ratio of the number of John's stamps to Peter's?

8. The ratio of the number of men to the number of women in a factory is 3 : 8. There are 120 more women than men. If the number of men increases by 3 and the number of women decreases by 12, what will be the new ratio of the number of men to the number of women?

9. Siti's money is $\frac{2}{5}$ of Betty's money. If Betty gives $\frac{1}{2}$ of her money to Siti, what will be the ratio of Siti's money to Betty's money?

10. After Ali gave $\frac{1}{4}$ of his money to Gopal, Gopal had twice as much money as Ali. What was the ratio of Ali's money to Gopal's money at first?

Review D

1. (a) 600 (b) 1000
2. (a) 8 (b) 50
3. 13.28
4. (a) 0.375 (b) 0.82
5. $\frac{3}{15}$
6. 1.4
7. 9.25 a.m.
8. (a) $\frac{2}{25}$ (b) $4\frac{7}{25}$
9. (a) 32% (b) 45%
10. $\frac{11}{80}$
11. 36%
12. (a) 5 (b) 6 : 9 : 15
13. \$5
14. \$244
15. $\frac{11}{18}$
16. $\frac{1}{3}$
17. \$4.50
18. \$340
19. (a) \$38.50 (b) \$60
20. 5 min
21. 181
22. 140
23. \$150
24. 7 : 4 : 3
25. 140
26. 2 : 1 : 3
27. \$120
28. 21%
29. 10.24 a.m.
30. 4 km/h
31. $11a + 3$
32. 307 cm^2
33. 3 cm
34. 106°
35. C
36. 
37. (a) 50 ℓ (b) 150 ℓ (c) \$230

Review E

1. 0.8
2. 26 000
3. 40
4. 430 g
5. $\frac{3}{5}$
6. $\frac{4}{5}$
7. 0.08
8. $2\frac{2}{25}$
9. 2 m, $2\frac{1}{4}$ m, 2.49 m, 2.6 m
10. $\frac{3}{8}$
11. 8
12. \$30
13. \$6.50
14. 2025
15. 9
16. 12
17. 6
18. 3 : 2
19. 48 kg
20. \$48
21. 6.25%
22. 12
23. 1500
24. 60 km
25. 40
26. 90¢
27. \$3.50
28. \$270
29. \$225
30. 1.2 kg
31. 5 : 8
32. 50
33. $5x + 36$
34. 24 cm
35. 75 cm^2
36. 41.4 cm
37. 192 cm^3
38. 40 cm
39. 37°
40. 85°
41. 9
42. (a) $\frac{1}{4}$ (b) $\frac{1}{8}$ (c) 960

Practice 5A

1. 132
2. \$20
3. \$22
4. \$7.15
5. \$21
6. 12
7. \$15
8. 195
9. \$480
10. 28

Practice 5B

1. \$36
2. \$20
3. 20
4. \$480
5. 12
6. \$300
7. \$30
8. 5

Practice 5C

1. 225
2. \$56
3. \$225
4. 90
5. 0.9 kg
6. \$168
7. \$12
8. \$100

Practice 5D

1. 5 : 6
2. 48
3. 60
4. 1176 g
5. 15 cm
6. \$37.50
7. 2 : 1
8. 5 : 12
9. 9 : 5
10. 4 : 5

Practice 5E

1. 6 : 1
2. 8 : 5
3. \$48
4. 120
5. \$140
6. 600 ml
7. 28
8. \$140
9. \$32

Practice 5F

1. 500
2. 68%
3. 82
4. 50%
5. 60%
6. 80%
7. \$800
8. 76
9. \$150
10. \$26