

- Page 146** 1. (a) €5.90 (b) 80c (c) €1.55 (d) €2.17 (e) €1.68 (f) 63c
 2. (a) €12.73 (b) €37.27
 3. (a) 10kg @ €7.65 (b) loose bananas (c) loose mushrooms (d) loose tomatoes
 4. (a) 125g (b) 20c 5. €10.24 6. 64kg 7. 59.366kg 8. 14.30

Chapter 35 Variables

Page 147 1. (a) 6 (b) 7 (c) 19 (d) 5

4. (a) 7 (b) 9 (c) 9 (d) 8

7. (a) 24 (b) 38 (c) 7 (d) 31

10. 16, 21, 26, 31

13. 71, 63, 55, 39

16. 26, 37, 65

19. 67, 57, 45, 31

2. (a) 12 (b) 77 (c) 40 (d) 7

5. (a) 5 (b) 22 (c) 19 (d) 16

8. 12, 24, 32

11. 31, 40, 49, 67

14. 19, 25, 31, 37, 43

17. 16, 32, 128

3. (a) 9 (b) 12 (c) 14 (d) 22

6. (a) 7 (b) 38 (c) 21 (d) 10

9. 27, 21, 18

12. 65, 59, 53, 41

15. 22, 44, 58, 74

18. 86, 75, 68

Page 148 1. $\frac{4}{12}, \frac{5}{15}, \frac{6}{18}, \frac{7}{21}, \frac{8}{24}, \frac{9}{27}, \frac{10}{30}$

3. $\frac{15}{18}, \frac{20}{24}, \frac{25}{30}, \frac{30}{36}, \frac{35}{42}, \frac{40}{48}, \frac{45}{54}, \frac{50}{60}$

5. $\frac{28}{32}, \frac{35}{40}, \frac{42}{48}, \frac{49}{56}, \frac{56}{64}, \frac{63}{72}, \frac{70}{80}$

7. $\frac{32}{40}, \frac{28}{35}, \frac{24}{30}, \frac{20}{25}, \frac{16}{20}, \frac{12}{15}, \frac{8}{10}$

9. (a) $\frac{3}{8} = \frac{15}{40}$ (b) $\frac{5}{9} = \frac{35}{63}$ (c) $\frac{7}{12} = \frac{42}{72}$ (d) $\frac{3}{20} = \frac{15}{100}$ (e) $\frac{9}{25} = \frac{36}{100}$

10. (a) $\frac{40}{48} = \frac{5}{6}$ (b) $\frac{56}{63} = \frac{8}{9}$ (c) $\frac{55}{60} = \frac{11}{12}$ (d) $\frac{9}{20} = \frac{45}{100}$ (e) $\frac{13}{25} = \frac{52}{100}$

2. $\frac{12}{20}, \frac{15}{25}, \frac{18}{30}, \frac{21}{35}, \frac{24}{40}, \frac{27}{45}, \frac{30}{50}$

4. $\frac{12}{16}, \frac{15}{20}, \frac{18}{24}, \frac{21}{28}, \frac{24}{32}, \frac{27}{36}, \frac{30}{40}$

6. $\frac{16}{36}, \frac{20}{45}, \frac{24}{54}, \frac{28}{63}, \frac{32}{72}, \frac{36}{81}, \frac{40}{90}$

8. $\frac{49}{63}, \frac{42}{54}, \frac{35}{45}, \frac{28}{36}, \frac{21}{27}, \frac{14}{18}, \frac{7}{9}$