

$$(7) \frac{38x+14}{3(x^2-4)}.$$

$$(8) \frac{11x-56}{(x-4)(x-5)(x-6)}.$$

$$(9) \frac{4x-18}{(x-2)(x-3)(x-4)}. \quad (10) 0. \quad (11) 1. \quad (12) \frac{2y^2}{x^3-y^3}.$$

$$(13) \frac{7x+76}{(x+2)(x+3)(x+7)}. \quad (14) \frac{x+c}{(x-a)(x-b)}. \quad (15) 0.$$

$$(16) 0. \quad (17) 0. \quad (18) 0. \quad (19) \frac{a^2+b^2}{2ab}.$$

$$(20) \frac{48a^3}{(x^2-a^2)(x^2-9a^2)}.$$

EXERCISE XLVII.—(Page 51). (1) $7\frac{1}{2}$. (2) 15.

(3) 8. (4) 16. (5) 25. (6) 17. (7) 13. (8) $31\frac{7}{8}$.

(9) 4. (10) $-\frac{1}{2}$. (11) 60. (12) 8. (13) 45. (14) 7.

(15) 120. (16) 4. (17) 1. (18) 24. (19) 2. (20) 1.

(21) 5. (22) 41. (23) 17. (24) 3. (25) 3. (26) 2.

(27) 7. (28) 5. (29) $3\frac{1}{2}$. (30) 8.

EXERCISE XLVIII.—(Page 53). A.—(1) 72.

(2) 48. (3) 480. (4) 720. (5) 315. (6) 49; 50.

(7) 144; 128. (8) 98; 99; 100. (9) \$255; 204; 136.

(10) 436. (11) 18; 24. (12) \$724.80; 634.20. (13) 54.

(14) 100; 12. (15) \$346.20.

B.—(1) 35. (2) 78; 82; 160; 40. (3) 64. (4) 23.

(5) 36. (6) 54. (7) $4\frac{3}{4}$. (8) $6\frac{1}{2}$. (9) 25. (10) \$900;

750. (11) 39. (12) 12; 6.

EXERCISE XLIX.—(Page 56). A.—(1) 2; 3.

(2) 5; 6. (3) 6; 7. (4) 9; 7. (5) 12; 3. (6) 12; 4.

(7) 13; 3. (8) 13; 9. (9) 7; 17. (10) 4; 3.

B.—(1) 6; 12. (2) 12; 8. (3) 18; 12. (4) 14; 15.

(5) 3; 5. (6) 10; 5. (7) 7; 3. (8) 2; 3. (9) 5; 5.

$$(10) \frac{2}{a+b}; \frac{2}{a-b}.$$