

$$(24) \frac{1+x-x^2}{x^2-1}.$$

Ex. 48. (1) $\frac{3}{10}$. (2) $\frac{ab}{4d}$. (3) 1. (4) 1. (5) $\frac{x^3}{yzw}$.
 (6) $\frac{a^2}{bc}$. (7) $\frac{(a+b)^2}{(a-b)^2}$. (8) $\frac{x+y}{x}$. (9) $\frac{1}{ab}$. (10) 1.
 (11) $\frac{x}{x-2}$. (12) $\frac{x+y}{x-y}$. (13) 1. (14) 1. (15) $\frac{m}{m-5n}$.
 (16) $\frac{(x-1)^2}{(x+1)^2}$. (17) $\frac{(a+b+c)^2}{(a+b-c)^2}$. (18) $\frac{x+3}{x+2}$. (19) 1.
 (20) 1.

Ex. 49. (1) $\frac{a^2}{b^2}$. (2) $\frac{bx}{ay}$. (3) $\frac{2b^3}{5c^3}$. (4) $\frac{m^2}{pq}$. (5) 1.
 (6) $\frac{x+5y}{x-3y}$. (7) $\frac{(x-2)(x+5)}{(x+2)(x-3)}$. (8) $\frac{x+1}{x+3}$. (9) 1.
 (10) $\frac{a-1}{a+1}$. (11) az . (12) 1. (13) $\frac{(x+y)^2}{x^2+y^2}$. (14) $\frac{(a-b)}{ab}$.
 (15) $\frac{7x+2}{x(x-2)}$. (16) $\frac{a^2-b^2}{2(a^2+b^2)}$. (17) $\frac{a^2+b^2}{a+b}$.

Ex. 50. (1) 2. (2) $\frac{1}{8}$. (3) 3. (4) 2. (5) $2\frac{2}{15}$. (6) 8. (7) 8.
 (8) 8. (9) 8. (10) 8. (11) 8. (12) 2. (13) 2.
 (14) $3\frac{2}{7}$. (15) 5. (16) 2. (17) 2. (18) $-\frac{1}{2}$. (19) 0.
 (20) 7. (21) 3. (22) $1\frac{1}{2}$. (23) 0. (24) 2. (25) 1.
 (26) $\frac{8}{25}$. (27) $2\frac{2}{3}$. (28) -2. (29) 2. (30) $\frac{2}{3}$. (31) -7.
 (32) $3\frac{1}{4}$. (33) -2. (34) $4\frac{1}{2}$. (35) $7\frac{1}{4}$. (36) $1\frac{1}{3}$.
 (37) $-1\frac{3}{5}$. (38) 4. (39) 5.

Ex. 51. (1) 48. (2) $4\frac{1}{2}$. (3) $3\frac{1}{4}$. (4) $3\frac{1}{2}$. (5) 27. (6) 420.
 (7) 2. (8) 1. (9) $1\frac{3}{15}$. (10) $\frac{4}{25}$. (11) \$1542 $\frac{2}{7}$. (12) 5, 7.
 (13) \$152. (14) 720. (15) \$6948. (16) \$540.
 (17) 12. (18) 51, 27. (19) \$9600. (20) 40, 60. (21) \$1270.
 (22) \$300. (23) 27. (24) 17. (25) $\frac{mn}{m+n}$.