

1. (1) 0

2. (1) reciprocal

3. (1) 0

(2) undefined.

4. (1) $\frac{-a}{b}$

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

5. (1) $-a$.

6. (1) $\frac{1}{a}$.

7. (1) commutative

8. (1) associative

9. -9

10. $-\frac{1}{1000}$

11. A. $\frac{1}{-5}$, C. $\frac{-1}{5}$

12. A. $-\frac{8}{(p+r)}$, C. $\frac{-8}{(p+r)}$

13. D. $\frac{8r}{9s}$

14. 20

$\frac{5}{4}$

(1) is not
