

2-3 Skills Practice***Multiplying Rational Numbers*****Find each product.**

1. $9(17)$

2. $-8(-7)$

3. $5(-7)$

4. $-4(11)$

5. $-6(-12)$

6. $7(-25)$

7. $\left(\frac{1}{2}\right)\left(\frac{2}{3}\right)$

8. $\left(-\frac{3}{5}\right)\left(\frac{1}{6}\right)$

9. $\left(-\frac{3}{8}\right)\left(-\frac{1}{2}\right)$

10. $\left(\frac{3}{4}\right)\left(-\frac{5}{8}\right)$

11. $\left(-\frac{5}{6}\right)\left(-\frac{2}{3}\right)$

12. $(1.5)(2.2)$

13. $(-2.8)(0.5)$

14. $(2.4)(-0.6)$

15. $(-4.7)(-1.3)$

16. $(1.1)(-1.2)$

Simplify each expression.

17. $5(-2a) - 8a$

18. $-6(3x) + 12x$

19. $3(4n - n)$

20. $-4(2d - d)$

Evaluate each expression if $a = -1.2$, $b = 0.5$, $c = \frac{1}{2}$, and $d = -\frac{2}{3}$.

21. $-4ab$

22. $-3b^2$

23. $-2a^2$

24. $c^2\left(-\frac{1}{3}\right)$

25. $\frac{1}{8}d^2$

Look!

- * use looseleaf
- * circle problem #
- * rewrite problem
- * show work
- * box answers
- * eat your vegetables