

Keili Assessment August 8

1a) If Sara reads 6 pages in 15 minutes, how many pages can she read in 35 minutes?

1b) How many pages per minute can she read?

2a) A pizza with an 8-inch diameter would have what circumference for the crust?

2b) What would be the surface area of the pizza?

3) The surface of water of a circular pool is $36\pi \text{ m}^2$. What is the diameter of the pool?

4) Fill out the table with the equivalent fraction, decimal, or percent.

Fraction	Decimal	Percent
$\frac{3}{4}$		
		35%
	.28	
$\frac{5}{12}$		
	.36	
		125%
	2.3	
$1\frac{3}{8}$		
		260%

Solve for the variable.

5a) $2x + 7 = 19$

5b) $4a - 3 = 7a - 12$

5c) $1\frac{1}{2}n + \frac{3}{4}n = 18$

Calculate using long division.

6a) $3516 / 12$

6b) $254/3.2$