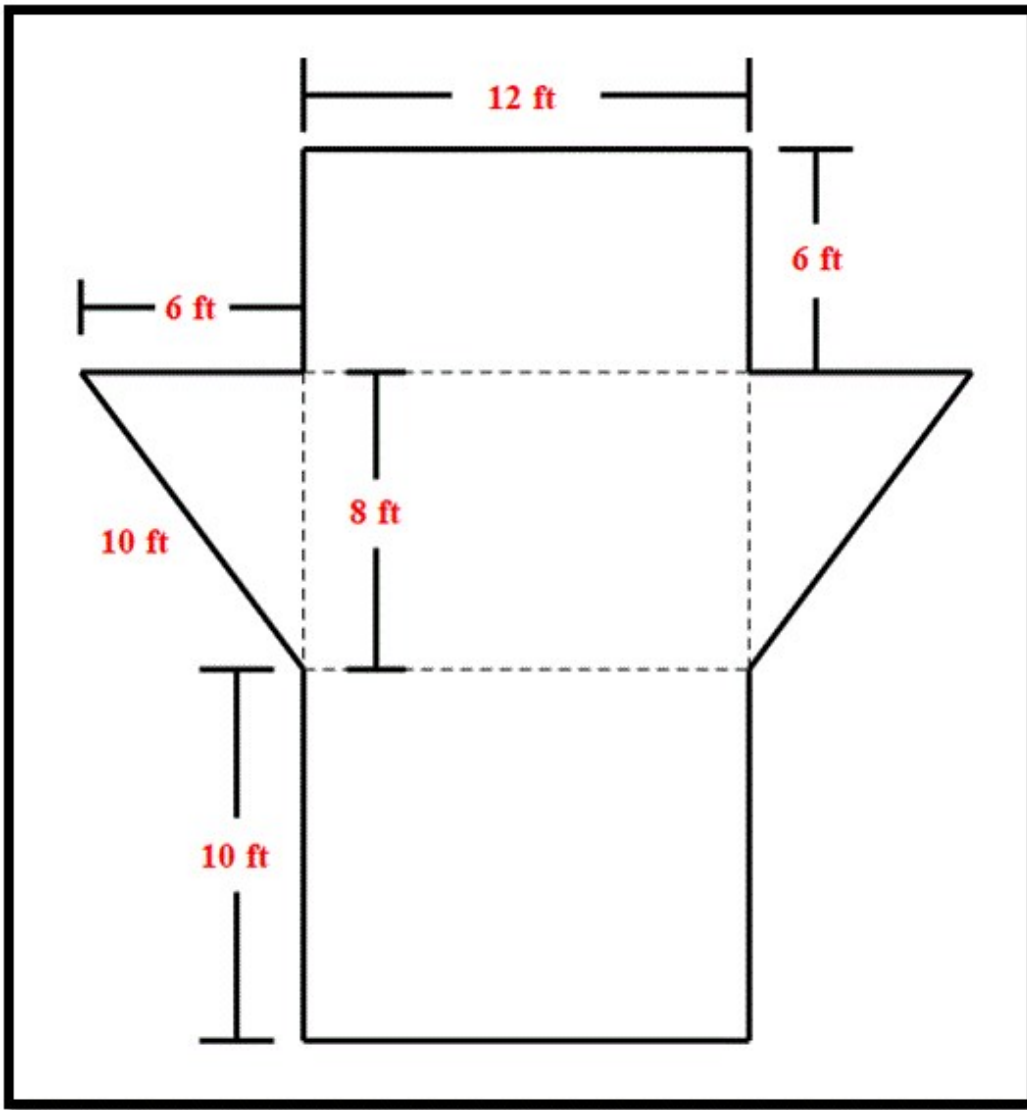


1. A net of a triangular prism is shown below.



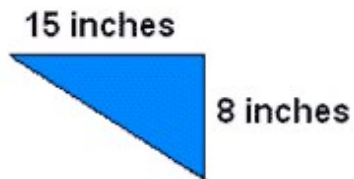
What is the surface area, in square feet, of the triangular prism? \

1. 384 2. 336
3. 288 4. 88

2. Look at each expression. Is it correctly rewritten using the distributive property? Select **Yes** or **No** for expressions A through D.

- A. $70 + 14 = 7(10 + 14)$ Yes No
- B. $20 + 80 = 20(1 + 4)$ Yes No
- C. $6 + 21 = 3(2 + 7)$ Yes No
- D. $24 + 30 = 8(3 + 4)$ Yes No

3. Find the area of the right triangle.



1. 40 square inches 2. 60 square inches
3. 120 square inches 4. 240 square inches
4. What is the least common multiple of 4 and 22?
Answer:
5. Which of the following is the greatest common factor of 34 and 51?
1. 17 2. 2
3. 3 4. 8
6. Jared has 3 quarters, 2 dimes, and 1 nickel. What is the ratio of dimes to quarters?
1. 3 to 2 2. 2 to 1
3. 1 to 3 4. 2 to 3
7. At Friendly Middle School, there are 4 students for every teacher. What is the ratio of students to teachers?
1. 4:2 2. 4:1
3. 1:4 4. 2:4
8. Use the GCF of 8 and 20 to reduce the fraction $\frac{8}{20}$ to simplest form.

Answer: $\frac{\text{ }{\text{ }}}{\text{ }}$

9.

What is the prime factorization of 90?

1. $2 \times 2 \times 3 \times 5$

2. $2 \times 3 \times 3 \times 5$

3. $2 \times 3 \times 3 \times 7$

4. $2 \times 3 \times 5 \times 7$