

What fraction has a greater numerator,  $\frac{2}{6}$  or  $\frac{5}{6}$ ? \_\_\_\_\_

Which fraction is greater? \_\_\_\_\_

Explain your thinking. \_\_\_\_\_

2. Circle the greater fraction in each pair.

a)  $\frac{6}{16}$  or  $\frac{9}{16}$

b)  $\frac{5}{8}$  or  $\frac{3}{8}$

c)  $\frac{24}{25}$  or  $\frac{22}{25}$

d)  $\frac{37}{53}$  or  $\frac{27}{53}$

3. Two fractions have the same denominators (bottoms) but different numerators (tops). How can you tell which fraction is greater?

4. Circle the greater fraction in each pair.

a)  $\frac{1}{8}$  or  $\frac{1}{9}$

b)  $\frac{12}{12}$  or  $\frac{12}{13}$

c)  $\frac{5}{225}$  or  $\frac{5}{125}$

5. Fraction A and Fraction B have the same numerators but different denominators. How can you tell which fraction is greater?

6. Write the fractions in order from least to greatest.

a)  $\frac{2}{3}, \frac{1}{3}, \frac{3}{3}$

b)  $\frac{9}{10}, \frac{2}{10}, \frac{1}{10}, \frac{5}{10}$

c)  $\frac{1}{7}, \frac{1}{3}, \frac{1}{13}$

d)  $\frac{2}{11}, \frac{2}{5}, \frac{2}{7}, \frac{2}{16}$

7. Circle the greater fraction in each pair.

a)  $\frac{2}{3}$  or  $\frac{2}{9}$

b)  $\frac{7}{17}$  or  $\frac{11}{17}$

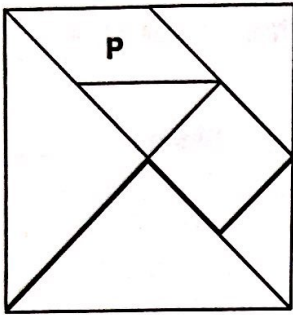
c)  $\frac{6}{288}$  or  $\frac{6}{18}$

8. Which fraction is greater,  $\frac{1}{2}$  or  $\frac{45}{100}$ ? Explain your thinking.

9. Is it possible for  $\frac{2}{3}$  of a pie to be bigger than  $\frac{3}{4}$  of another pie? Show your thinking with a picture.

# NS5-63: Parts and Wholes

1.

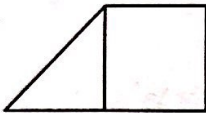


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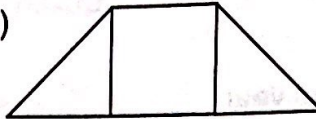
- 2 small triangles (S) cover a medium triangle (M)
- 2 small triangles (S) cover a square (SQ)
- 2 small triangles (S) cover a parallelogram (P)
- 4 small triangles (S) cover a large triangle (L)

What fraction of each shape is covered by a single small triangle?

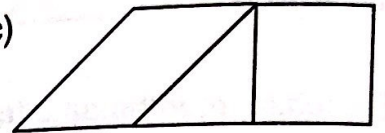
a)



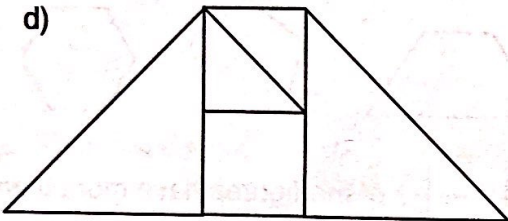
b)



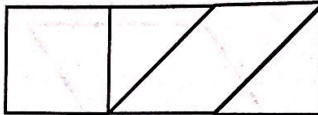
c)



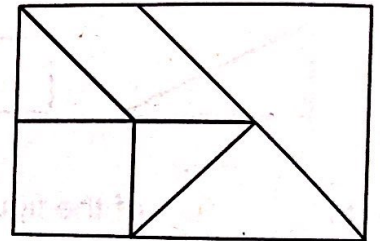
d)



e)

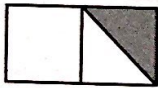


f)



2. What fraction of each shape is shaded? Explain how you know.

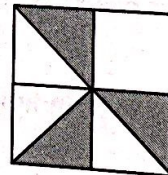
a)



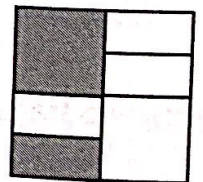
b)



c)

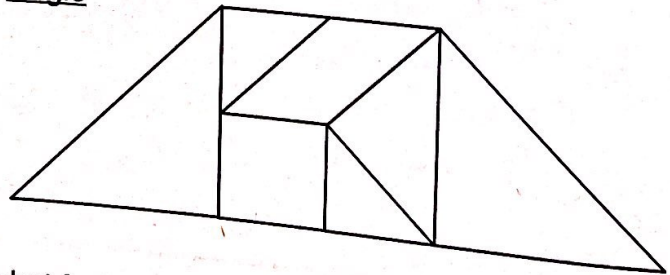


d)



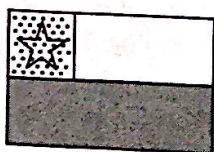
3. What fraction of the trapezoid is covered by a single small triangle?

Show your work.

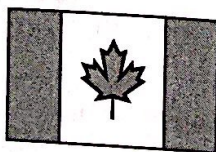


4. If = red and = blue, approximately what fraction of each flag is shaded red? Explain.

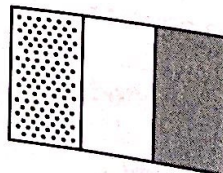
a)



b)



c)



d)

