Comparing Equal Shares: Worksheet

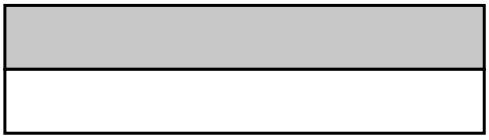
Fractions and Shapes · Worksheet for https://jugami.com/fractions-shapes/comparing-shares/ · For instant feedback, try the self-guided quiz online.

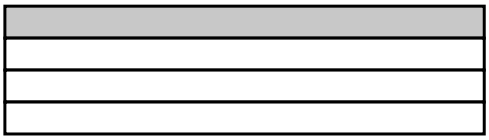
Name _____ Date _____

Grades 1–3 · Fractions and Shapes · Emmy

Directions: Read each problem. Write, circle or draw your answer in the space. In every problem, the wholes are the same size unless the problem says they are not.

1. Circle the letter of the bigger shaded share.

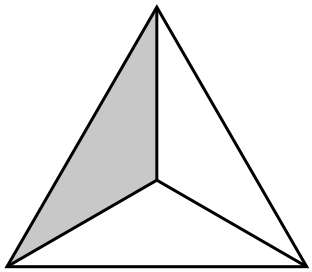
A 

B 

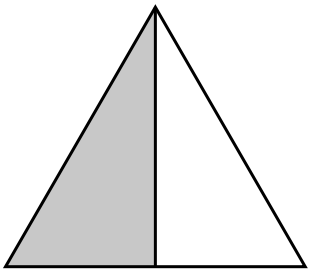
A B

2. Fill in the blank with **bigger** or **smaller**: The more equal shares I cut the same whole into, the _____ each share gets.

3. Which shaded share is **smaller**? Write **third** or **half**. _____



C



D

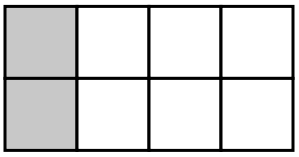
4. Picture three hexagons of the same size (no drawing needed). One is cut into 2 equal shares, one into 4 equal shares, and one into 3 equal shares. One share of each is shaded, showing $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$. Write them in order from the **smallest** share to the **biggest** share.

_____ , _____ , _____

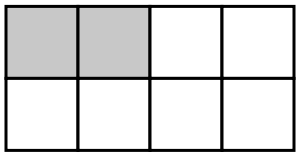
5. Write >, < or = in the box: $\frac{1}{3} \square \frac{1}{2}$

6. Write >, < or = in the box: $\frac{1}{3} \square \frac{1}{4}$

7. Each shaded share is 1 fourth. Write >, < or = to compare the shaded shares: E ☐ F



E



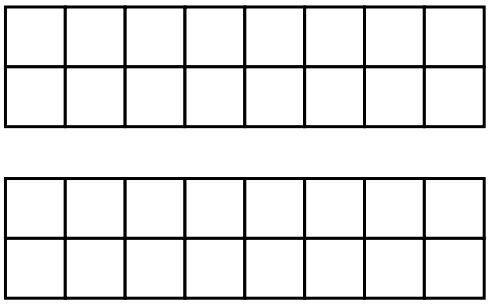
F

8. Red ribbon and blue ribbon are the same length. The red ribbon is cut into 3 equal pieces. The blue ribbon is cut into 4 equal pieces. Is one red piece **longer** or **shorter** than one blue piece? _____

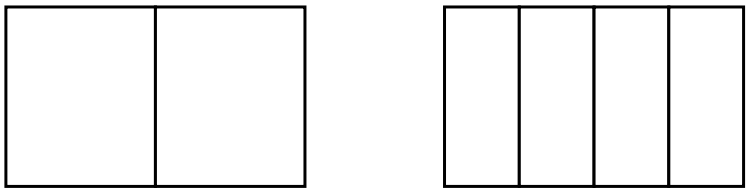
9. Leo and Tess have granola bars that are the same size. Leo shares his bar fairly with 1 friend. Tess shares her bar fairly with 2 friends. Who gets a bigger piece: Leo or Tess? _____ Tell why in one sentence.

_____

10. Shade 1 fourth of the first rectangle one way. Shade 1 fourth of the second rectangle a **different** way. How many small squares did you shade each time? _____



11. How many of H's strips cover the same space as one of G's shares? _____



12. Sam says, "$\frac{1}{4}$ of my big poster is bigger than $\frac{1}{2}$ of my small sticky note. So $\frac{1}{4}$ is bigger than $\frac{1}{2}$." What is wrong with Sam's thinking? Write one or two sentences.

_____

_____