



5. Each quotient is missing a decimal point. Determine where the decimal point should be placed. Explain one answer.

a)  $52.4 \div 4 = 131$

b)  $47.1 \div 3 = 157$

c)  $16.68 \div 6 = 278$

d)  $12.06 \div 9 = 134$

6. Which quotients are between 5 and 6? Explain your thinking.

a)  $49.5 \div 9$

b)  $43.96 \div 7$

c)  $42.7 \div 6$

d)  $47.142 \div 8$



7. Each length of ribbon is cut into the given number of pieces. Estimate the length of each piece. Explain your thinking.

a) 8.28 m cut into five equal pieces

b) 1.345 m cut into four equal pieces

c) 1.52 m cut into eight equal pieces.

8. Create a problem you might solve by estimating  $51.6 \div 8$ .

9. Copy the division expression below. Place the digits 4, 5, and 6 in the boxes and estimate the quotient. Try different ways of placing the digits. (3 ways)  
What different estimates might you get?

$3. \square \div \square$



10. In 2005, this jack-o'-lantern was the largest ever grown. It had a mass of 666.32 kg.
- a) If eight people lifted this jack-o'-lantern equally, estimate the mass that each person would have to lift.
- b) How could you check your estimate by multiplying?
11. How is estimating  $17.7 \div 7$  the same as estimating  $1.7 \div 7$ ? How is it different?