

Operations on Decimal Numbers

1. You know that $48 \div 16 = 3$. Without calculating the answer, tell whether the answer to $48 \div 15$ is greater than, less than, or equal to 3. Explain why.

2. Write one operation that would replace the circled digit in each number with a zero. The other digits must not change.

a) 6^⑤4 _____

b) 147.^⑨ _____

c) 2^⑧31.6 _____

d) 402.^⑧3 _____

3. Place the decimal point in the correct position in each answer to make a true statement. Do not calculate the answer.

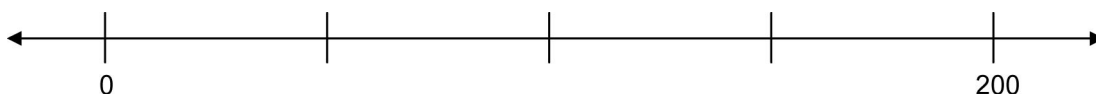
a) $5.16 \times 3.7 \div 1.8 = 10606666$

b) $48.62 \div 6.3 \times 1.5 = 1157619$

c) $49.1 \times 3.92 + 7.89 = 2003620$

d) $71.3 \div 2.9 - 15.5 = 9086206$

4. Find and label the number 60 on the number line. Explain in words how you placed the number.



5. Compare the expressions in each statement. Then, complete each statement with $>$, $=$, or $<$ to make a true statement.

a) 24×0.5 ___ $24 \div 2$

b) $20 \div 6$ ___ $20 \div 5.9$

c) 5×0.92 ___ $5 \div 0.6$

d) 8.2×1.7 ___ 1.2×8.2