

Estimate Quotients

Estimate. Write the basic fact you used.

$$154 \div 5$$

Use basic facts and multiples of 10 to find a new dividend.

$$150 \div 5$$

$$\text{Think: } 5 \times 3 = 15$$

$$15 \times 10 = 150$$

$$150 \div 5 = 30$$

$$154 \div 5 \text{ is about } 30$$

1. $4 \overline{)33}$

2. $9 \overline{)64}$

3. $3 \overline{)26}$

4. $7 \overline{)234}$

5. $204 \div 5$

6. $26 \div 8$

7. $195 \div 6$

Decide whether the actual quotient is greater than or less than the estimate given. Write $>$ or $<$ for each \bigcirc .

8. $27 \div 3 \bigcirc 4$

9. $31 \div 5 \bigcirc 6$

10. $24 \div 3 \bigcirc 7$

11. $45 \div 9 \bigcirc 8$

Problem Solving

Show your work.

12. Jim used 29 beads to make a necklace for his sister. The beads he used come in packages of 5 beads each. About how many packages of beads did Jim use?
