



Use Models to Act It Out

TAKS Objectives 1, 2, 6
TEKS 5.2A, 5.2B, 5.5A,
5.14C, 5.16A

Use models to solve Problems 1–6.

1. Heather has 8 pets. A total of $\frac{1}{2}$ of the pets are cats. How many cats does Heather have?

2. Ron has 12 pens in his desk. Of the pens, $\frac{1}{3}$ are blue. How many blue pens does Ron have in his desk?

3. Ms. Wilson has 24 students in her class. Of her students, $\frac{3}{4}$ of them walk to school. How many of Ms. Wilson's students walk to school?

4. Yesterday's town meeting was attended by 35 people. Of those people, $\frac{3}{5}$ have lived in the town for more than 10 years. How many of the people who attended the meeting have lived in the town for more than 10 years?

5. Katie has 108 CDs in her collection. Of her CDs, $\frac{1}{2}$ are country music and $\frac{1}{3}$ are rock. How many more country music CDs does Katie have than rock CDs?

6. Mr. Brau is driving on a 144-mile trip. He stops for gas after driving $\frac{5}{12}$ of the miles. How many miles does Mr. Brau have left to drive after he leaves the gas station?
