

# 1 Warm-up: Big Doubles

**2-min Fluency Warm-up** — Solve in your head.

$10 + 10 = \underline{\hspace{2cm}}$

$20 + 20 = \underline{\hspace{2cm}}$

$25 + 25 = \underline{\hspace{2cm}}$

$50 + 50 = \underline{\hspace{2cm}}$

# 2 Estimate First: Predict the Pattern

**Estimate First!** Look at each pattern. BEFORE you fill in the blanks, predict: will the last number be more or less than 50? Circle your prediction, then solve.

Start at 4, count by 4s (8 numbers).

Prediction: last number is **more than 50 / less than 50**

4, 8,           ,           ,           ,  
          ,           ,           

Start at 30, count by 5s (8 numbers).

Prediction: last number is **more than 50 / less than 50**

30, 35,           ,           ,           ,  
          ,           ,           

# 3 Fill In the Pattern

Fill in the missing numbers. What is the rule for each?

Count by 2:



Count by 5:



Count by 10:



Count by 3:



# 4 What Is the Rule?

Find the rule, then write the next number.

12, 14, 16, 18,           

Rule:           

40, 35, 30, 25,           

Rule:           

11, 21, 31, 41,           

Rule:           

60, 57, 54, 51,           

Rule:           

# 5 Word Problem

Read carefully. Think about what is happening. Draw if it helps!

Zoe saves money in a pattern: \$2 the first week, \$4 the second week, \$6 the third week. If the pattern continues, how much will she save in the sixth week?

Draw or write your thinking: \_\_\_\_\_

\$\_\_\_\_\_