Name Date

1. Estimate the product. Solve using an area model and the standard algorithm. Remember to express your products in standard form.

 1 2 (tenths)

 × 5 3

1. 53 × 1.2 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_

 2 1 (tenths)

× 8 2

1. 2.1 × 82 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_
2. Estimate. Then, use the standard algorithm to solve. Express your products in standard form.
3. 4.2 × 34 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ b. 65 × 5.8 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_

 5 8 (tenths)

 × 6 5

 4 2 (tenths)

  × 3 4

1. 3.3 × 16 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ d. 15.6 × 17 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_
2. 73 × 2.4$ ≈ $\_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ f. 193.5 × 57 ≈ \_\_\_\_\_\_\_ × \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_
3. Mr. Jansen is building an ice rink in his backyard that will measure 8.4 meters by 22 meters. What is the area of the rink?
4. Rachel runs 3.2 miles each weekday and 1.5 miles each day of the weekend. How many miles will she have run in 6 weeks?