

A

Correct _____

Add.

| | | | | | |
|----|-------------------|--|----|-------------------|--|
| 1 | $3 + 1 =$ | | 23 | $5 + 0.1 =$ | |
| 2 | $3.5 + 1 =$ | | 24 | $5.7 + 0.1 =$ | |
| 3 | $3.52 + 1 =$ | | 25 | $5.73 + 0.1 =$ | |
| 4 | $0.3 + 0.1 =$ | | 26 | $5.736 + 0.1 =$ | |
| 5 | $0.37 + 0.1 =$ | | 27 | $5.736 + 1 =$ | |
| 6 | $5.37 + 0.1 =$ | | 28 | $5.736 + 0.01 =$ | |
| 7 | $0.03 + 0.01 =$ | | 29 | $5.736 + 0.001 =$ | |
| 8 | $0.83 + 0.01 =$ | | 30 | $6.208 + 0.01 =$ | |
| 9 | $2.83 + 0.01 =$ | | 31 | $3 + 0.01 =$ | |
| 10 | $30 + 10 =$ | | 32 | $3.5 + 0.01 =$ | |
| 11 | $32 + 10 =$ | | 33 | $3.58 + 0.01 =$ | |
| 12 | $32.5 + 10 =$ | | 34 | $3.584 + 0.01 =$ | |
| 13 | $32.58 + 10 =$ | | 35 | $3.584 + 0.001 =$ | |
| 14 | $40.789 + 1 =$ | | 36 | $3.584 + 0.1 =$ | |
| 15 | $4 + 1 =$ | | 37 | $3.584 + 1 =$ | |
| 16 | $4.6 + 1 =$ | | 38 | $6.804 + 0.01 =$ | |
| 17 | $4.62 + 1 =$ | | 39 | $8.642 + 0.001 =$ | |
| 18 | $4.628 + 1 =$ | | 40 | $7.65 + 0.001 =$ | |
| 19 | $4.628 + 0.1 =$ | | 41 | $3.987 + 0.1 =$ | |
| 20 | $4.628 + 0.01 =$ | | 42 | $4.279 + 0.001 =$ | |
| 21 | $4.628 + 0.001 =$ | | 43 | $13.579 + 0.01 =$ | |
| 22 | $27.048 + 0.1 =$ | | 44 | $15.491 + 0.01 =$ | |

B

Improvement _____ # Correct _____

Add.

| | | | | | |
|----|-------------------|--|----|-------------------|--|
| 1 | $2 + 1 =$ | | 23 | $4 + 0.1 =$ | |
| 2 | $2.5 + 1 =$ | | 24 | $4.7 + 0.1 =$ | |
| 3 | $2.53 + 1 =$ | | 25 | $4.73 + 0.1 =$ | |
| 4 | $0.2 + 0.1 =$ | | 26 | $4.736 + 0.1 =$ | |
| 5 | $0.27 + 0.1 =$ | | 27 | $4.736 + 1 =$ | |
| 6 | $5.27 + 0.1 =$ | | 28 | $4.736 + 0.01 =$ | |
| 7 | $0.02 + 0.01 =$ | | 29 | $4.736 + 0.001 =$ | |
| 8 | $0.82 + 0.01 =$ | | 30 | $5.208 + 0.01 =$ | |
| 9 | $4.82 + 0.01 =$ | | 31 | $2 + 0.01 =$ | |
| 10 | $20 + 10 =$ | | 32 | $2.5 + 0.01 =$ | |
| 11 | $23 + 10 =$ | | 33 | $2.58 + 0.01 =$ | |
| 12 | $23.5 + 10 =$ | | 34 | $2.584 + 0.01 =$ | |
| 13 | $23.58 + 10 =$ | | 35 | $2.584 + 0.001 =$ | |
| 14 | $30.789 + 1 =$ | | 36 | $2.584 + 0.1 =$ | |
| 15 | $3 + 1 =$ | | 37 | $2.584 + 1 =$ | |
| 16 | $3.6 + 1 =$ | | 38 | $5.804 + 0.01 =$ | |
| 17 | $3.62 + 1 =$ | | 39 | $7.642 + 0.001 =$ | |
| 18 | $3.628 + 1 =$ | | 40 | $6.75 + 0.001 =$ | |
| 19 | $3.628 + 0.1 =$ | | 41 | $2.987 + 0.1 =$ | |
| 20 | $3.628 + 0.01 =$ | | 42 | $3.279 + 0.001 =$ | |
| 21 | $3.628 + 0.001 =$ | | 43 | $12.579 + 0.01 =$ | |
| 22 | $37.048 + 0.1 =$ | | 44 | $14.391 + 0.01 =$ | |

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Name _____

Date _____

1. Choose the reasonable product for each expression. Explain your reasoning in the spaces below using words, pictures and numbers.

a. 2.5×4 0.1 1 10 100

b. 3.14×7 2198 219.8 21.98 2.198

c. 8×6.022 4.8176 48.176 481.76 4817.6

d. 9×5.48 493.2 49.32 4.932 .4932

2. Pedro is building a spice rack with 4 shelves that are each 0.55 meter long. At the hardware store, Pedro finds that he can only buy the shelving in whole meter lengths. Exactly how many meters of shelving does Pedro need? Since he can only buy whole number lengths, how many meters of shelving should he buy? Justify your thinking.

3. Marcel rides his bicycle to school and back on Tuesdays and Thursdays. He lives 3.62 kilometers away from school. Marcel's gym teacher wants to know about how many kilometers he bikes in a week. Marcel's math teacher wants to know exactly how many kilometers he bikes in a week. What should Marcel tell each teacher? Show your work.
4. The poetry club had its first bake sale, and they made \$79.35. The club members are planning to have 4 more bake sales. Leslie said, "If we make the same amount at each bake sale, we'll earn \$3,967.50." Peggy said, "No way, Leslie! We'll earn \$396.75 after five bake sales." Use estimation to help Peggy explain why Leslie's reasoning is inaccurate. Show your reasoning using words, numbers and pictures.

Name _____

Date _____

1. Use estimation to choose the correct value for each expression.

a. 5.1×2

0.102

1.02

10.2

102

b. 4×8.93

3.572

35.72

357.2

3572

2. Estimate the answer for 7.13×6 . Explain your reasoning using words, pictures or numbers.

Name _____

Date _____

1. Choose the reasonable product for each expression. Explain your thinking in the spaces below using words, pictures, and numbers.

a. 2.1×3 0.63 6.3 63 630

b. 4.27×6 2562 256.2 25.62 2.562

c. 7×6.053 4237.1 423.71 42.371 4.2371

d. 9×4.82 4.338 43.38 433.8 4338

2. YiTing weighs 8.3 kg. Her older brother is 4 times as heavy as her. How much does her older brother's weight in kg?

3. Tim is painting his storage shed. He buys 4 gallons of white paint and 3 gallons of blue paint. If each gallon of white paint costs \$15.72 and each gallon of blue paints is \$21.87, how much will Tim spend in all

on paint?

4. Ribbon is sold at 3 yards for \$6.33. Jackie bought 24 yards of ribbon for a project. How much did she pay?