Name: Due Date: Teacher: Parent Sign:

1. Multiply: 0.6 x 0.4

2. Multiply: 3 x 0.5

3. Multiply: 0.25 x 4

4. Multiply: 0.75 x 0.2

5. Multiply: 1.2 x 0.3

6. Multiply: 2.5 x 0.4

7. Multiply: 0.09 x 0.6

8. Multiply: 0.8 x 0.75

9. Multiply: 4.2 x 0.5

10. Multiply: 0.33 x 0.3

11. Estimate first (rounding), then calculate: 2.7 x 3.9

12. Estimate first, then calculate: 0.48 x 0.62

13. Multiply using place?value reasoning: 3.04 x 0.5

14. Using a 10x10 grid (each small square = 0.01): How many squares represent 0.7 x 0.6? What is the product?

15. Which is larger: 0.4 x 0.9 or 0.4? Explain with numbers.

16. Choose the best estimate (no calculator): 7.8 x 0.49 – which is it closest to: 3, 4, 5 or 6? Then calculate the exact product.

17. Use decomposition to multiply: 1.25 x 0.4 (show a quick reason)

18. Multiply: 12 x 0.075

19. Word problem: Sarah bought 3.5 kg of apples at $2.40 per kg. How much did she pay?

20. Word problem: A floor tile is 2.25 m long and 0.8 m wide. What is the area of one tile (m2)?

21. Multiply: 0.125 x 0.4

22. Estimate then calculate: 9.99 x 0.101

23. Using a 10x10 grid idea, compute: 0.36 x 0.5 (how many hundredths / what is product?)

24. Which product is larger: 0.02 x 0.5 or 0.02 x 0.05? Compute both.

25. Multiply: 6.25 x 0.16

26. Word problem: A ribbon is 0.75 m long each. How long are 8 ribbons laid end to end?

27. Multiply: 0.004 x 25

28. Estimate then calculate: 4.56 x 0.49

29. Choose the best estimate: 0.88 x 0.77 – which is closest: 0.5, 0.7, 0.8, or 1.0? Then calculate exact product.

30. Multiply: 0.66 x 0.66

31. Word problem: A sheet of metal measures 2.4 m by 0.45 m. What is its area?

32. Multiply using powers of ten idea: 0.003 x 0.02

33. Multiply: 0.23 x 0.4

34. What is 5.6 x 0.01? (What happens to the decimal when multiplying by 0.01?)

35. Multiply: 1.234 x 0.5

36. Word problem: A recipe needs 0.45 L of juice per batch. How much juice for 3.2 batches?

37. Which is the better estimate for 2.99 x 4.02: 11 or 12? Then calculate the exact product.

38. Multiply: 7.5 x 0.08

39. Word problem: On a map 1 cm represents 0.02 km. If the distance on the map is 3.4 cm, what is the real distance (in km and in meters)?

40. Multiply: 0.875 x 0.875

41. Fill in the blank: 0.4 x ? = 0.04

42. Multiply: 12.3 x 0.12

43. Word problem: A printer uses 0.015 liters of ink per page. How much ink is used for 120 pages?

44. Multiply: 0.0035 x 0.2

45. Estimate then calculate: 5.67 x 0.399

46. Using a 10x10 grid idea, compute: 0.14 x 0.6 (what is the product?)

47. Multiply: 0.999 x 0.01

48. Word problem: Each notebook costs $1.25. What is the cost of 4.8 notebooks?

49. Use a strategy (convert to whole numbers then adjust): 3.6 x 2.5

50. Word problem: A jogger runs 0.85 km each day for 7 days. What is the total distance?