WORKSHEET 1: UNDERSTAND THE DOUBLE AND ADD METHOD

Name: _____ Date: _____

Rule: To multiply by 3, DOUBLE the number, then ADD the number again.

Example: 3 × 4 = (4 + 4) + 4 = 8 + 4 = 12

1.Complete the working. Follow the example:

1. 3 × 2 = (2 + 2) + 2 = _____ + 2 = _____
2. 3 × 3 = (3 + 3) + 3 = _____ + 3 = _____
3. 3 × 5 = (5 + 5) + 5 = _____ + 5 = _____
4. 3 × 6 = (6 + 6) + 6 = _____ + 6 = _____
5. 3 × 7 = (7 + 7) + 7 = _____ + 7 = _____

2.Match the steps to the answer:

1. 3 × 1 _____ a) (1 + 1) + 1 = 2 + 1 = 3
2. 3 × 4 _____ b) (4 + 4) + 4 = 8 + 4 = 12
3. 3 × 8 _____ c) (8 + 8) + 8 = 16 + 8 = 24
4. 3 × 9 _____ d) (9 + 9) + 9 = 18 + 9 = 27

3.Fill in the missing numbers:

1. 3 × 2 = (_____ + _____) + _____ = _____
2. 3 × 4 = (_____ + _____) + _____ = _____
3. 3 × 6 = (_____ + _____) + _____ = _____
4. 3 × 7 = (_____ + _____) + _____ = _____
5. 3 × 10 = (_____ + _____) + _____ = _____
6. 3 × 5 = (_____ + _____) + _____ = _____

WORKSHEET 2: DOUBLE AND ADD PRACTICE

Name: _____ Date: _____

Use the Double and Add method to solve:

1. First DOUBLE, then ADD:

1. 3 × 1: Double 1 = _____, then add 1 = _____ ✓ Answer: _____
2. 3 × 2: Double 2 = _____, then add 2 = _____ ✓ Answer: _____
3. 3 × 3: Double 3 = _____, then add 3 = _____ ✓ Answer: _____
4. 3 × 4: Double 4 = _____, then add 4 = _____ ✓ Answer: _____
5. 3 × 5: Double 5 = _____, then add 5 = _____ ✓ Answer: _____
6. 3 × 6: Double 6 = _____, then add 6 = _____ ✓ Answer: _____
7. 3 × 7: Double 7 = _____, then add 7 = _____ ✓ Answer: _____
8. 3 × 8: Double 8 = _____, then add 8 = _____ ✓ Answer: _____
9. 3 × 9: Double 9 = _____, then add 9 = _____ ✓ Answer: _____
10. 3 × 10: Double 10 = _____, then add 10 = _____ ✓ Answer: _____

2.Write the answer quickly:

1. 3 × 2 = _____
2. 3 × 5 = _____
3. 3 × 8 = _____
4. 3 × 4 = _____
5. 3 × 6 = _____

WORKSHEET 3: TRUE OR FALSE – THE DOUBLE AND ADD METHOD

Name: _____ Date: _____

1.Write T (True) or F (False):

1. To multiply by 3, you double the number then add it again. _____
2. 3 × 2 = (2 + 2) + 2 = 6 _____
3. Double 5 is 10, so 3 × 5 = 15 _____
4. 3 × 7 = (7 + 7) + 7 = 21 _____
5. The Double and Add method works for all times tables. _____
6. 3 × 4 = 12 because (4 + 4) + 4 = 12 _____
7. Double 3 is 6, so 3 × 3 = 9 _____
8. 3 × 6 = 18 because (6 + 6) + 6 = 18 _____
9. To find 3 × 9, you double 9 to get 18, then add 9 to get 27 _____
10. 3 × 10 = 30 _____

2.Circle the correct answer:

1. 3 × 1 is:
   a) 2 b) 3 c) 4 d) 5
2. 3 × 2 is:
   a) 4 b) 5 c) 6 d) 7
3. 3 × 5 is:
   a) 12 b) 15 c) 18 d) 21
4. 3 × 8 is:
   a) 22 b) 24 c) 26 d) 28
5. 3 × 10 is:
   a) 28 b) 29 c) 30 d) 31

WORKSHEET 4: FILL IN THE MISSING NUMBERS

Name: _____ Date: _____

1.Complete each equation:

1. 3 × 3 = _____
2. 3 × 4 = _____
3. 3 × 6 = _____
4. 3 × 7 = _____
5. 3 × 9 = _____
6. 3 × 2 = _____
7. 3 × 5 = _____
8. 3 × 8 = _____
9. 3 × 1 = _____
10. 3 × 10 = _____

2.Fill in the missing number in the multiplication:

1. 3 × _____ = 6
2. 3 × _____ = 12
3. 3 × _____ = 15
4. 3 × _____ = 21
5. 3 × _____ = 24
6. 3 × _____ = 18
7. 3 × _____ = 27
8. 3 × _____ = 3

WORKSHEET 5: REAL-LIFE APPLICATIONS – USING THE DOUBLE AND ADD METHOD

Name: _____ Date: _____

Solve each problem using the Double and Add method:

1. Toy Cars: Sam has 3 toy cars. Each car has 4 wheels. How many wheels altogether?
   Double 4 = _____, add 4 = _____ ✓ Answer: _____ wheels
2. Cookies: A baker makes 3 trays of cookies. Each tray has 5 cookies. How many cookies in total?
   Double 5 = _____, add 5 = _____ ✓ Answer: _____ cookies
3. Stickers: Emma collects stickers in sets of 3. Each set has 6 stickers. How many stickers does she have?
   Double 6 = _____, add 6 = _____ ✓ Answer: _____ stickers
4. Pencils: There are 3 pencil cases. Each case has 7 pencils. How many pencils are there?
   Double 7 = _____, add 7 = _____ ✓ Answer: _____ pencils
5. Apples: A fruit seller has 3 baskets with 8 apples in each. How many apples in total?
   Double 8 = _____, add 8 = _____ ✓ Answer: _____ apples
6. Coins: Liam saves 3 coins every day. After saving for 2 days, he has 3 groups of 2 coins each. How many coins?
   Answer: _____ coins
7. Books: There are 3 shelves in the library. Each shelf has 9 books. How many books are there?
   Double 9 = _____, add 9 = _____ ✓ Answer: _____ books
8. Flowers: A gardener plants 3 rows of flowers. Each row has 10 flowers. How many flowers are planted?
   Answer: _____ flowers

Circle YES or NO:

1. If you have 3 groups of 6 apples, do you have 18 apples?
   YES / NO
2. If you double 4 and add 4, do you get 12?
   YES / NO
3. If you triple 7 (using the Double and Add method), do you get 21?
   YES / NO
4. Can the Double and Add method help you solve word problems?
   YES / NO
5. Does 3 × 5 equal 20?
   YES / NO

WORKSHEET 6: CHALLENGE – MIX AND MATCH, SPEED ROUND

Name: _____ Date: _____

1.Match the problem to the answer:

1.	3 × 2 _____	a) 9
2.	3 × 3 _____	b) 12
3.	3 × 4 _____	c) 6
4.	3 × 5 _____	d) 15
5.	3 × 6 _____	e) 18
6.	3 × 7 _____	f) 21
7.	3 × 8 _____	g) 24
8.	3 × 9 _____	h) 27
9.	3 × 10 _____	i) 30

2.Quick Speed Round – Write the answer fast:

1. 3 × 1 = _____
2. 3 × 4 = _____
3. 3 × 7 = _____
4. 3 × 9 = _____
5. 3 × 5 = _____
6. 3 × 2 = _____