

WORKSHEET 1: DIVISIBILITY RULE FOR 2 – Even Numbers

Name: _____ Date: _____

Rule: A number is divisible by 2 if it ends in 0, 2, 4, 6, or 8 (even numbers).

1. Circle the numbers that are divisible by 2:

1. 14, 23, 31, 46
2. 52, 65, 78, 89
3. 101, 112, 125, 136
4. 203, 214, 227, 238

2. True or False? Write T or F:

1. 24 is divisible by 2 _____
2. 35 is divisible by 2 _____
3. 42 is divisible by 2 _____
4. 57 is divisible by 2 _____
5. 68 is divisible by 2 _____
6. 73 is divisible by 2 _____

3. Write the last digit of each number. Is it even (E) or odd (O)?

1. 18 – last digit: _____ (E / O)
2. 25 – last digit: _____ (E / O)
3. 44 – last digit: _____ (E / O)
4. 59 – last digit: _____ (E / O)
5. 82 – last digit: _____ (E / O)

WORKSHEET 2: DIVISIBILITY RULE FOR 5 – Numbers Ending in 0 or 5

Name: _____ Date: _____

Rule: A number is divisible by 5 if it ends in 0 or 5.

1. Circle the numbers that are divisible by 5:

1. 10, 12, 15, 18
2. 20, 23, 25, 27
3. 35, 37, 40, 43
4. 50, 52, 55, 58

2. Match each number to the correct rule:

1. 30 _____ ends in 0 or 5
2. 42 _____ divisible by 5
3. 65 _____ does NOT end in 0 or 5

3. True or False? Write T or F:

1. 15 is divisible by 5 _____
2. 22 is divisible by 5 _____
3. 45 is divisible by 5 _____
4. 50 is divisible by 5 _____
5. 73 is divisible by 5 _____

4. Look at the last digit. Write YES or NO:

1. Does 85 end in 0 or 5? _____
2. Does 92 end in 0 or 5? _____
3. Does 75 end in 0 or 5? _____

WORKSHEET 3: DIVISIBILITY RULE FOR 10 – Numbers Ending in 0

Name: _____ Date: _____

Rule: A number is divisible by 10 if it ends in 0 (zero).

1. Circle the numbers that are divisible by 10:

1. 10, 12, 14, 16
2. 20, 25, 30, 35
3. 40, 42, 50, 52
4. 60, 65, 70, 75

2. Fill in the blank with YES or NO:

1. Is 100 divisible by 10? _____
2. Is 45 divisible by 10? _____
3. Is 80 divisible by 10? _____
4. Is 37 divisible by 10? _____
5. Is 90 divisible by 10? _____

3. True or False? Write T or F:

1. 50 ends in 0 _____
2. 55 ends in 0 _____
3. 60 ends in 0 _____
4. 68 ends in 0 _____
5. 70 ends in 0 _____
6. 72 ends in 0 _____

WORKSHEET 4: MIXED DIVISIBILITY – 2, 5 AND 10

Name: _____ Date: _____

A. Write which number(s) it is divisible by. Choose from: 2, 5, 10 (or more than one):

1. 10 is divisible by: _____
2. 20 is divisible by: _____
3. 14 is divisible by: _____
4. 25 is divisible by: _____
5. 30 is divisible by: _____
6. 35 is divisible by: _____
7. 40 is divisible by: _____
8. 50 is divisible by: _____
9. 62 is divisible by: _____
10. 75 is divisible by: _____

B. Circle ALL the correct answers:

1. 100 is divisible by: (2 / 5 / 10 / all three)
2. 45 is divisible by: (2 / 5 / 10 / 5 only)
3. 22 is divisible by: (2 / 5 / 10 / 2 only)
4. 55 is divisible by: (2 / 5 / 10 / 5 only)
5. 80 is divisible by: (2 / 5 / 10 / all three)

WORKSHEET 5: REAL-LIFE DIVISIBILITY PROBLEMS

Name: _____ Date: _____

A. Read each problem and circle YES or NO:

1. Sam has 24 sweets. Can he share them equally among 2 friends?
YES / NO
2. There are 35 stickers. Can they be divided into groups of 5?
YES / NO
3. A shop has 50 apples. Can they pack them into bags of 10?
YES / NO
4. Emma scored 42 points. Is 42 divisible by 2?
YES / NO
5. A school has 65 pencils. Can they be shared equally among 5 classrooms?
YES / NO

B. Answer the questions:

1. If you have 30 coins and want to make 10 equal piles, how many coins in each pile?
Answer: _____ coins per pile
2. You have 40 marbles. If you put them in groups of 2, how many groups?
Answer: _____ groups
3. A baker has 50 cookies. If he packages them in boxes of 5, how many boxes?
Answer: _____ boxes
4. Look at the number 28. Can you divide it by 2? Write YES or NO. _____
5. Look at the number 75. Can you divide it by 10? Write YES or NO. _____
6. If a number ends in 6, is it divisible by 2? Write YES or NO. _____
7. If a number ends in 3, is it divisible by 5? Write YES or NO. _____
8. What is the last digit of 90? _____ Is 90 divisible by 10? _____
9. What is the last digit of 44? _____ Is 44 divisible by 5? _____
10. Draw a circle around the numbers that end in 0:
10 15 20 25 30 35 40

WORKSHEET 6: DIVISIBILITY CHALLENGE – IDENTIFY & SORT

Name: _____ Date: _____

A. Write each number in the correct column(s):

| Numbers to sort: 12, 15, 20, 24, 25, 30, 35, 40, 45, 50, 60, 75, 80, 85, 100 |

Divisible by 2 only:

Divisible by 5 only:

Divisible by 10 (and also 2 and 5):

B. Circle the correct answer:

- Which number is divisible by 2, 5 AND 10?
a) 15 b) 20 c) 25 d) 35
- Which number is divisible by 2 but NOT by 5 or 10?
a) 40 b) 50 c) 22 d) 30
- Which number is divisible by 5 but NOT by 2 or 10?
a) 20 b) 35 c) 50 d) 80
- Which number ends in 0?
a) 18 b) 42 c) 70 d) 63
- A number is divisible by 10 if it ends in:
a) 5 b) 2 c) 0 d) any even digit
- True or False: All numbers divisible by 10 are also divisible by 2.
T / F
- True or False: All numbers divisible by 5 are also divisible by 10.
T / F