Golden Stars International School

ACADEMIC YEAR (2024-2025)

Name		Grade	3____ (Boys/Girls)
Date		Subject	Math

Term 2 Midterm Worksheet

Chapter 5 and 6

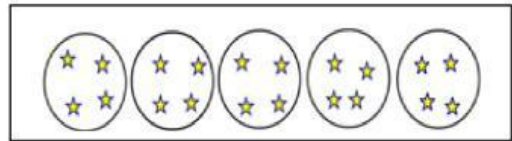Q1) Choose the correct answer in each of the following:

1. Beth has a ribbon that is 25 inches long. She cuts the ribbon into 5-inch pieces. How many pieces of ribbon does Beth cut?
   a. 25 – 5 = 20   b. 25 + 5 = 30   c. 25 ÷ 5 = 5   d. 25 ×5=125

2. Maria has 18 crayons. She puts the same number of crayons into 3 boxes. How many crayons does Maria put in each box?
   a. 15   b. 3   c. 18   d. 6

3. Which division sentence is modeled?

   a. 5 × 4 = 20   b. 4 ÷ 1 = 4   c. 20 ÷ 5 = 4   d. 12 ÷ 4 = 3

4. Tony has 36 wheels to build wagons. Each wagon must have 4 wheels. What is the greatest number of wagons Tony can build?
   a. 4   b. 5   c. 8   d. 9

5. Ranya buys 5 goldfish for 30 Riyal. What is the cost of each goldfish?
   a. 5   b. 6   c. 30   d. 35

6. Sharon buys 24 batteries. The batteries are sold in packs of 4. How many packs of batteries does Sharon buy?

   a. 4   b. 20   c. 6   d. 24

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7. Amy has 20 baseballs. She gives the same number of baseballs to each of her 4 friends. How many baseballs does Amy give to each friend?

   a. 24   b. 16   c. 5   d. 20

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8. Tom has 12 apples. He puts 3 apples in each bag. How many bags does he use?

   a. 4   b. 5   c. 15   d. 24

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9. A group of 24 people are going on a boat trip. They rent 3 boats. The same number of people will ride in each boat. How many people will ride in each boat?

   a. 3   b. 8   c. 24   d. 21

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10. Emily works at a pet store. She has 6 birds and 6 cages. She puts the same number of birds in each cage. How many birds does Emily put in each cage?

   a. 6   b. 12   c. 1   d. 0

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11. Which division sentence is correct?

   a. $2 \div 1 = 1$ b. $4 \div 4 = 0$ c. $0 \div 1 = 1$ d. $0 \div 1 = 0$

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12. Devon buys 9 cans of tennis balls. Each can has 3 tennis balls. How many tennis balls does Devon buy in all?

   a. $9 - 3 = 6$ b. $9 + 3 = 12$ c. $9 \times 3 = 27$ d. $9 \div 3 = 3$?

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13. Jamal finds 14 shells at the beach. He puts 2 shells in each buckets. How many buckets does Jamal use?

 a. 7   b. 12   c. 2   d. 16

14. Which number completes both sentences?

$20 ÷ 4 = ?$

$? × 4 = 20$

 a. 4   b. 5   c. 20   d. 16

15. Which is the pattern rule?

 1, 3, 9, 27, ?

a. Start at 27. Divide by 3.   b. Start at 1. Add 2.
c. Start at 1. Multiply by 3.   d. Start at 27. Subtract 9.

16. Marco bakes 7 apple pies for the fair. He uses 5 apples to make each pie. How many apples does Marco use in all?

 a. 7   b. 12   c. 35   d. 42

17. Carlos has 48 photos. Each page of his album can hold 8 photos. How many pages of the album can Carlos fill?

 a. 7   b. 6   c. 40   d. 48

18. Meghan used the numbers 4, 7, and 28 to write a fact family. Which fact is missing? $28 ÷ 4 = 7$ $4 × 7 = 28$ $7 × 4 = 28$

a. $28 ÷ 7 = 4$ b. $4 ÷ 28 = 7$ c. $7 ÷ 28 = 4$ d. $28 ÷ 4 = 4$

19. Niko's class is painting scenery for the school play. They paint the scenery for 3 weeks. How many days do they paint scenery?

      a. 21   b. 10   c. 3   d. 18

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20. A group of 54 people are going on a field trip. Each van can hold 6 people. What is the least number of vans needed to fit all the people on the trip?

      a. 6   b. 9   c. 54   d. 48

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21. Sam has 6 vases. He puts 4 flowers in each vase. What is the total number of flowers that Sam puts in vases?

      a. 6   b. 24   c. 10   d. 30

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22. There are 4 basketball teams. Each team has 8 players. There are 2 more soccer teams than basketball teams. Each soccer team also has 8 players. How many soccer players are there?

      a. 8   b. 48   c. 14   d. 32

23. Tyler buys 5 packs of juice boxes for a picnic. Each pack has 6 juice boxes. How many juice boxes does Tyler buy in all?

      a. 6   b. 11   c. 35   d. 30

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24. Gary keeps his baseball cards in sets of 7 cards each. He has 63 baseball cards. How many sets of 7 cards does Gary have?

      a. 6   b. 7   c. 8   d. 9

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25. There are 2 students in a room. The teacher gives 4 stickers to each student. How many stickers does the teacher give out altogether?

    a. 4   b. 6   c. 8   d. 12

26. Tameeka makes 9 gift bags for a party. She starts with 45 pieces of candy and puts the same amount of candy in each bag. How many pieces of candy does Tameeka put in each gift bag?

    a. 9   b. 6   c. 5   d. 36

27. Find the missing factor, $3 \times (\underline{\quad} \times 5) = 30$

    a) 15   b) 6

    c) 10   d) 2

28. Which number sentence is <u>not</u> included in the same fact family as $5 \times 8 = 40$?

    a) $8 \times 5 = 40$ b) $10 \times 4 = 40$

    c) $40 \div 5 = 8$ d) $40 \div 8 = 5$

29. Which is in the same fact family for the set of numbers 6, 4, 24?

    a) $24 \div 3 = 8$ b) $24 \div 4 = 6$

    c) $24 \div 8 = 3$ d) $24 \div 2 = 12$

30. Which completes the number sentence 36÷6= 3 ×___

    a) 4   b) 9

    c) 2   d) 12

31. Which sign makes the number sentence true? 21 ◯ 3=35÷5

    a) ×   b) +   c) ÷   d) –

32. Which division sentence does the model show?

    a) 21÷3=7   b) 20÷4=5

    c) 15÷3=5   d) 15÷15=1
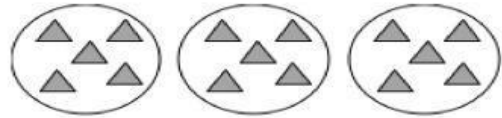
33. Which sign makes the sentence 8 ◯ 8 =58+6 true?

    a) +   b)-

    c) ×   d) ÷

34. Which is the missing number? 5 X ▢ = 45-5

    a) 4   b) 9

    c) 8   d) 10

Q2: Write the complete fact family for each set of numbers?

a) 8,8,64

_____   _____

b) 6, 7, 42

_____   _____   _____   _____

Q3: Complete the tables.

Rule: ×7	
Input	Output
6	
7	
8	

Rule: ÷3	
Input	Output
12	
15	
18	

Q4: Find the rule. Then complete the pattern.

- 1,2,4,8,_____, _____   the rule is_____
- 27,9,3 ,_____, _____   the rule is_____
- 2,3, 6,7,14,_____, _____   the rule is_____
- 9,18,6,12,4,_____, _____   the rule is_____

Q5: Fill in the blank.

$5×3×3=$ ____ $2×$____$×2 =8$

$3× (4×2) =$____ $16÷$____$=2×2$

$6×$____$=54$ $49÷7=$____

____$×8×2=48$ $7×$____$=35$

$4×$____$=32$ $2×3×$____$=18$

$18÷$____$=9$ $8×9=$____$×8$

$24÷8=$____   ____$×4=16$

Q6: Problem solving.

a)   Ahmed bought 5 books. Each book costs $4. How much change will he have left from a $ 50-bill?

b)   On Monday, there were 5 flowers blooming in the garden. On Tuesday, there were 10 flowers blooming. There were 15 by Wednesday. By Friday, how many flowers were blooming?
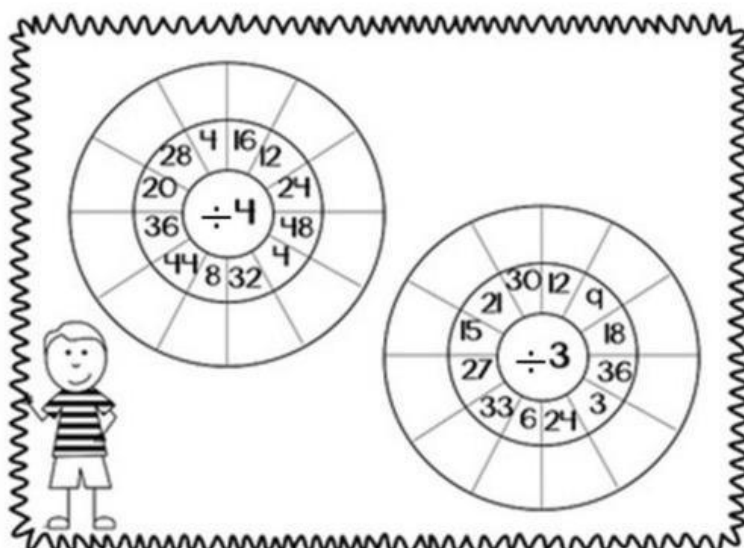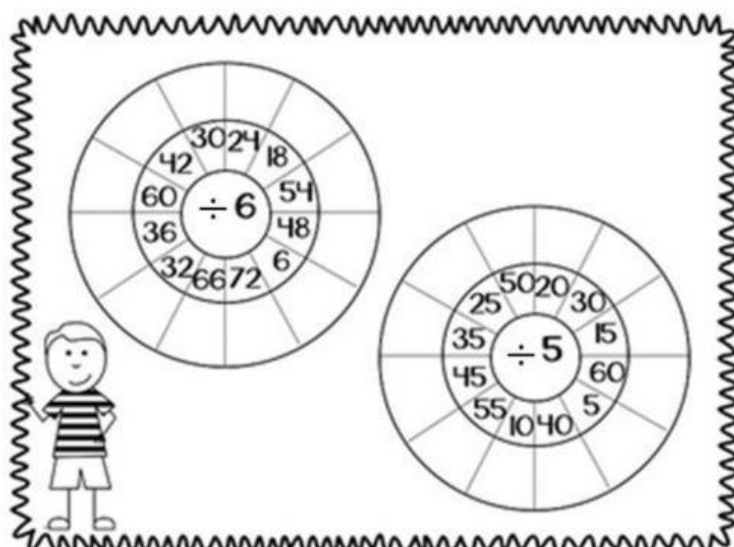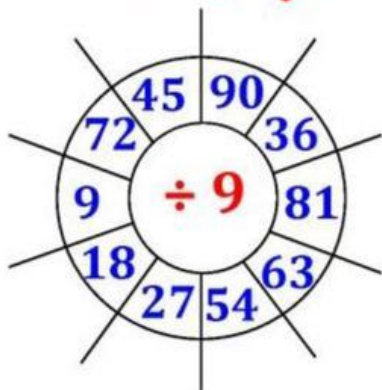
Q7: Multiply.

$7 \times 0 =$	$2 \times 2 =$	$4 \times 7 =$	$3 \times 3 =$
$5 \times 9 =$	$6 \times 6 =$	$3 \times 4 =$	$4 \times 9 =$
$5 \times 7 =$	$8 \times 6 =$	$3 \times 6 =$	$5 \times 2 =$
$2 \times 3 =$	$0 \times 6 =$	$2 \times 4 =$	$5 \times 3 =$
$5 \times 6 =$	$9 \times 9 =$	$7 \times 8 =$	$2 \times 10 =$
$8 \times 1 =$	$7 \times 9 =$	$5 \times 4 =$	$4 \times 6 =$
$8 \times 9 =$	$2 \times 9 =$	$4 \times 4 =$	$4 \times 8 =$
$8 \times 8 =$	$2 \times 8 =$	$5 \times 5 =$	$8 \times 5 =$
$7 \times 6 =$	$6 \times 9 =$	$7 \times 7 =$	$3 \times 8 =$
$7 \times 2 =$	$2 \times 6 =$	$3 \times 7 =$	$9 \times 3 =$

Q8: Divide.
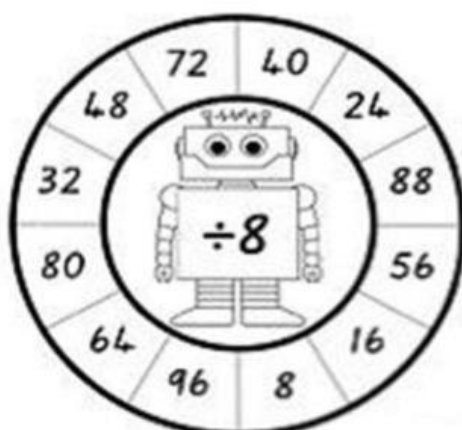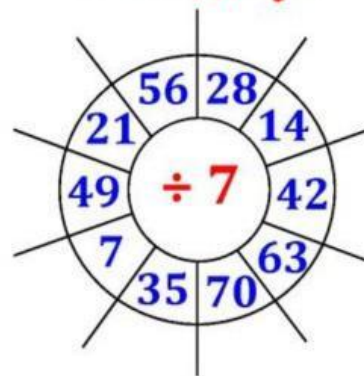
1) $15 \div 3 =$ _____
2) $27 \div 9 =$ _____
3) $32 \div 4 =$ _____
4) $20 \div 10 =$ _____
5) $42 \div 6 =$ _____
6) $54 \div 9 =$ _____
7) $36 \div 4 =$ _____
8) $70 \div 10 =$ _____
9) $18 \div 2 =$ _____
10) $21 \div 3 =$ _____
11) $72 \div 8 =$ _____
12) $30 \div 3 =$ _____
13) $40 \div 5 =$ _____
14) $36 \div 6 =$ _____
15) $24 \div 4 =$ _____
16) $63 \div 9 =$ _____
17) $56 \div 7 =$ _____
18) $24 \div 8 =$ _____
19) $80 \div 10 =$ _____
20) $30 \div 5 =$ _____

21) $45 \div 9 =$ _____
22) $42 \div 7 =$ _____
23) $70 \div 7 =$ _____
24) $48 \div 6 =$ _____
25) $27 \div 3 =$ _____
26) $63 \div 7 =$ _____
27) $56 \div 8 =$ _____
28) $72 \div 9 =$ _____
29) $21 \div 7 =$ _____
30) $16 \div 8 =$ _____
31) $36 \div 9 =$ _____
32) $32 \div 8 =$ _____
33) $49 \div 7 =$ _____
34) $28 \div 4 =$ _____
35) $35 \div 7 =$ _____
36) $64 \div 8 =$ _____
37) $30 \div 6 =$ _____
38) $90 \div 9 =$ _____
39) $60 \div 10 =$ _____
40) $81 \div 9 =$ _____

Dividing By 9

```
      45  90
   72       36
  9   ÷ 9   81
   18      63
      27 54
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```
        30 24 18
     42          54
   60    ÷ 6     48
     36          6
        32 66 72
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```
         50 20
      25       30
    35    ÷ 5    15
    45           60
      55       5
         10 40
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```
         4 16
      28      12
    20           24
   36    ÷ 4    48
    44           4
      8  32
```

```
         30 12
      21       9
    15           18
   27    ÷ 3    36
    33           3
      6  24
```

Dividing By 7

```
      56 28
   21       14
  49   ÷ 7   42
   7        63
      35 70
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```
        72  40
     48         24
   32             88
   80    ÷ 8     56
     64         16
        96  8
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Good luck

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LIVEWORKSHEETS