

Jeddah Knowledge International School

### SUMMER & PACK



Grade 3

SY 2019-2020

### **Mathematics Summer Pack**

The students will also practice Math skills using IXL.

### **Practicing:**

- 1. Log in your IXL account through the school portal.
- 2. Click on "Practice" tab on the top left corner.
- 3. Choose the grade level that your child currently completed.
- 4. Choose the skill that your child may wish to practice and provide encouragement to practice at excelling in the math skills.
- 5. The progress of your child can be accessed by clicking on the "Reports" tab. This will give full details of the practice and progress that has taken place. Please print out a report and have your child submit it to his/her teacher on the first day back to school.

**Note**: It is advisable that your child practices all the skills stated in his/her grade level below.

Grade 3 IXL Skill	Date practiced
Section A: Numbers and comparing	
Number sequences	
Compare numbers	
Order numbers	
Section C: Addition	
Add two numbers up to three digits	
Add two numbers up to three digits - word problems	
Section D: Subtraction	
Subtract numbers up to three digits	
Subtract numbers up to three digits - word problems	
Section G: Multiplication Fluency	
Multiplication tables for 2, 3, 4, 5, and 10	
Multiplication tables for 6, 7, 8, and 9	
Section H: Multiplication	
Multiplying one-digit numbers by two-digit numbers	
Section K: Division Fluency	
Division facts for 2, 3, 4, 5, and 10	
Division facts for 6, 7, 8, and 9	
Section W: Understand Fractions	
Identify equal parts	
Match fractions to models: halves, thirds, and fourths	
Section C.C: Two-dimensional figures	
Identify two-dimensional figures	

5,431	8,623	2,957	7,589	3,795

Write the number which has

3 tens	6 hundreds	
2 thousands	9 units/ones	
5 tens	7 hundreds	

9,287 7,492 5,653 3,846 2,369
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Write the number which has

9 tens	6 hundreds	
9 thousands	6 units/ones	
2 units/ones	2 hundreds	

Compare and write the larger number.

7,348

7,483

5,239

5,932

Write in order. Start with the heaviest.

4,932 kg	4,239 kg	4,923 kg	4,592 kg
			,

Write in order. Start with the lightest.

9,615 kg	9,561 kg	5,916 kg	9,169 kg

Find the sum.

Find the sum.

Find the sum.

Write a multiplication sentence for each problem then solve.



How many apples are there on 8 plates?
How many apples are there on 7 plates?
How many apples are there on 9 plates?
How many apples are there on 6 plates?

Write a multiplication sentence for each problem then solve.



How many cup cakes are there on 9 plates?
How many apples are there on 6 plates?
How many apples are there on 8 plates?
How many apples are there on 7 plates?

Write a multiplication sentence for each problem then solve.

7 apples in each bag



How many apples are there in 5 bags?

How many apples are there in 4 bags?

How many apples are there in 8 bags?

How many apples are there in 3 bags?

Write a multiplication sentence for each problem then solve.

8 donuts in each box

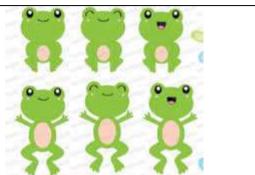


How many donuts are there in 7 boxes?
How many donuts are there in 8 boxes?
How many donuts are there in 4 boxes?

How many donuts are there in 9 boxes?

Write a multiplication sentence for each problem then solve.

6 frogs in each pond



How many frogs are there in 9 ponds?

How many frogs are there in 6 ponds?

How many frogs are there in 7 ponds?

How many frogs are there in 8 ponds?

### Find the product.

	T
9 x 3 =	8 x 6 =
3 x 6 =	4 x 8 =
4 x 7 =	6 x 9 =
5 x 9 =	4 x 3 =
2 x 7 =	6 x 6 =
8 x 3 =	9 x 7 =
3 x 9 =	6 x 4 =
7 x 7 =	4 x 6 =
6 x 8 =	9 x 4 =
3 x 3 =	4 x 4 =
4 x 7 =	8 x 8 =
3 x 7 =	6 x 3 =
7 x 8 =	8 x 7 =
3 x 8 =	6 x 9 =
9 x 9 =	4 x 9 =
7 x 6 =	8 x 9 =
4 x 7 =	7 x 9 =



What is the weight of 4 crates of melons?	Show your work.
What is the weight of 2 crates of oranges?	Show your work.
What is the weight of 3 crates of bananas?	Show your work.
What is the weight of 5 crates of pears?	Show your work.



Find cost of 3 sacks of coffee.	Show your work.
Find cost of 2 sacks of sugar.	Show your work.
Find cost of 5 sacks of salt.	Show your work.
Find cost of 4 sacks of flour.	Show your work.

Multiply to find the product.

Multiply to find the product.



Write a division sentence to solve. How many tents are needed?

a.	18 cubs – 2 in each tent
b.	27 cubs – 3 in each tent
C.	15 cubs – 3 in each tent
d.	14 cubs – 2 in each tent
e.	60 cubs – 10 in each tent
f.	32 cubs – 4 in each tent
g.	40 cubs – 4 in each tent
h.	70 cubs – 10 in each tent
i.	35 cubs – 5 in each tent

Write a division sentence to solve. Divide equally among the plates.

a.	40 cookies on 5 plates	
b.	35 cookies on 5 plates	
C.	20 cupcakes on 2 plates	
d.	16 cupcakes on 2 plates	
e.	24 cupcakes on 3 plates	
f.	30 hotdogs on 3 plates	
g.	36 hotdogs on 4 plates	
h.	28 hotdogs on 4 plates	
i.	90 hotdogs on 10 plates	
j.	70 hotdogs on 10 plates	

Divide.

18 ÷ 2 =	27 ÷ 3 =
16 ÷ 4 =	40 ÷ 10 =
14 ÷ 2 =	16 ÷ 2 =
21 ÷ 3 =	32 ÷ 4 =
24 ÷ 4 =	28 ÷ 4 =
28 ÷ 4 =	20 ÷ 2 =
25 ÷ 5 =	12 ÷ 3 =
18 ÷ 3 =	35 ÷ 5 =
20 ÷ 4 =	60 ÷ 10 =
40 ÷ 5 =	10 ÷ 2 =
30 ÷ 3 =	12 ÷ 2 =



Write a division sentence to solve. Each boat carries 6 children.

a.	How many boats are needed to carry 42 children?	
b.	How many boats are needed to carry 54 children?	
C.	How many boats are needed to carry 36 children?	
d.	How many boats are needed to carry 24 children?	
e.	How many boats are needed to carry 30 children?	
f.	How many boats are needed to carry 48 children?	



Write a division sentence to solve. Each ride takes 8 children at a time.

Lacillac lakes o elimateri ai a liille.		
a.	How many rides are needed for 32 children?	
b.	How many rides are needed for 64 children?	
C.	How many rides are needed for 48 children?	
d.	How many rides are needed for 24 children?	
e.	How many rides are needed for 40 children?	
f.	How many rides are needed for 72 children?	
g.	How many rides are needed for 16 children?	

Write a division sentence to solve.

a.	Divide 56 by 8	
b.	Share 18 equally among 6	
c.	Divide 80 equally among 8	
d.	How many eights make 24	
e.	Group 72 in eights	
f.	Divide 60 by 6	
g.	Divide 64 equally among 8	
h.	How many sixes make 36	
i.	Group 48 in sixes	
j.	Share 30 equally among 6	
k.	Divide 32 by 8	
I.	Divide 24 equally among 6	
m.	Group 54 in sixes	

Write a division sentence for each and solve.



9 oranges in each net

Oranges are sold in nets of 9.

a.	How many nets are needed for 63 oranges?	
b.	How many nets are needed to carry 45 oranges?	
C.	How many nets are needed to carry 81 oranges?	
d.	How many nets are needed to carry 54 oranges?	
e.	How many nets are needed to carry 36 oranges?	
f.	How many nets s are needed to carry 63 oranges?	

Write a division sentence for each and solve.



The cart carries 7 children on each trip.

a.	How many trips are needed for 28 children?
b.	How many trips are needed for 49 children?
C.	How many trips are needed for 70 children?
d.	How many trips are needed for 56 children?
e.	How many trips are needed for 63 children?
f.	How many trips are needed for 35 children?

Solve the following word problems.

Mrs. Katy made 22 cheese sandwiches and 25 jelly sandwiches for the class picnic. How many sandwiches did she make altogether?	Show your work.
Farah's family has 32 ounces of regular peanut butter. They also have 15 ounces of crunchy peanut butter. How many ounces of peanut butter do they have?	Show your work.
Jenny has 89 dollars. She gives 40 dollars to Dora. How much money does she have left?	Show your work.

Solve the following word problems.

There are 89 books in the class library. Mrs. Nancy gave 24 books to the students. How many books are there now?	Show your work.
Tom drives his car at a speed of 55 miles/hr and Tim drives at a speed of 46 miles/hr. How much faster does Tom drive than Tim?	Show your work.
To fill an order, the factory dyed 98 yards of silk indigo and 45 yards orange. How many yards of silk did it dye for that order?	Show your work.

Solve the following word problems.

A restaurant made 95 hamburgers to serve during lunch. Only 78 were actually served. How many hamburgers were left over from lunch?	Show your work.
In one week, an ice cream shop sold 345 popsicles and 436 ice creams. How many treats did the shop sell in all?	Show your work.
On a trip to the farm, Sara saw 112 baby goats and 56 adult goats. How many baby goats did she see altogether?	Show your work.

### **6 Times Table Activities**

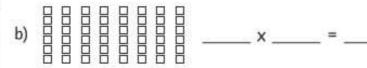
Count in 6s and colour in the grid:

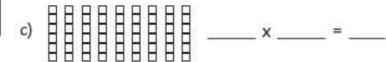
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

$$\alpha$$
) 2 x 6 =

d) 
$$8 \times 6 =$$





### 7 Times Table Activities

Count in 7s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

$$e) 7 \times 7 =$$







### **8 Times Table Activities**

Count in 8s and colour in the grid:

							_				
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

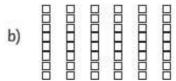
Work out these answers:

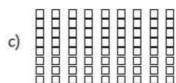
a) 
$$2 \times 8 =$$

d) 
$$8 \times 8 =$$

b) 
$$10 \times 8 =$$









### 9 Times Table Activities

Count in 9s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

a) 
$$2 \times 9 =$$

d) 
$$8 \times 9 =$$

