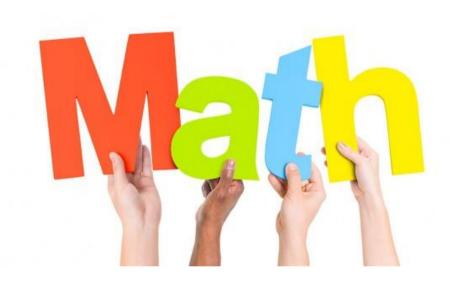


Jeddah Knowledge International School

SUMMER & PACK



Grade 4

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 4 IXL Skill	Date practiced
Section A: Number sense	
Rounding	
Compare numbers up to one billions	
Section B: Addition	
Add numbers up to millions	
Add numbers up to millions: word problems	
Section C: Subtraction	
Subtract numbers up to millions	
Subtract numbers up to millions: word problems	
Section D: Multiplication	
Multiplication facts to 12	
Multiply 1-digit numbers by 2-digit numbers	
Multiply a 2-digit number by a 2-digit number	
 Multiply a 2-digit number by a 2-digit number: word problems 	
Section E: Division	
Division facts to 12	
Division facts to 12: word problems	
Divide 2-digit numbers by 1-digit numbers	
Divide 2-digit numbers by 1-digit numbers: word problems	
Section L: Patterns	
Find the next shape in a repeating patterns	
Complete an increasing number pattern	
Section P: Fraction equivalence and ordering	
Fractions review	
Section T: Decimals	
Place values in decimal numbers	

Write down the value of the digit underlined.

a) 8,<u>3</u>49 _____

b) <u>5</u>6,934

c) 7,4<u>2</u>3

d) <u>7</u>,218,349 _____

e) 8,<u>3</u>49,615 _____

3,142,761 5,689,327 8,957,546 9,736,293

Write the number which has

2 tens?	2 hundreds?
9 thousands?	6 units?
3 millions?	8 millions?

Put these sets of numbers in order, starting with the smallest.

9,489	9,894	9,498	9,389
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32,924	32,429	34,927	34,273
<i>5=</i> /· = ·	<i>5</i> =, :=:	.,, =,	· · /= · ·

Put these sets of numbers in order, starting with the greatest.

7,643	8,643	7,463	8,463

53,764 53,467 53,476 54,764

Find the total.

Find the total.

Find the difference.

Find the difference.

Answer the following.

9 x 4 =	35 ÷ 5 =
6 x 7 =	24 ÷ 8 =
8 x 2 =	90 ÷ 10 =
4 × 6 =	35 ÷ 7 =
9 x 3 =	18 ÷ 2 =
4 x 9 =	36 ÷ 6 =
6 x 8 =	42 ÷ 7 =
8 x 3 =	70 ÷ 10 =
5 x 9 =	48 ÷ 8 =
6 x 5 =	24 ÷ 3 =
7 x 6 =	63 ÷ 9 =
6 x 4 =	36 ÷ 4 =
8 x 4 =	64 ÷ 8 =
7 x 2 =	27 ÷ 3 =
9 x 2 =	35 ÷ 5 =
8 x 8 =	63 ÷ 7 =

Work out.

6 4 x 5 7 8 x 6 5 6 x 4

2 4 8 x 3 4 6 2 x 6 5 9 2 x 5

3 6 9 x 6 7 3 8 x 8 2 7 8 x 7

Work out.

1 6 x 1 5 1 8 x 1 4 2 5 x 1 7

2 5 x 1 4 3 6 x 1 3 4 8 x 1 5

7 2 x 1 5 6 8 x 1 2 8 3 x 1 6

Work out.

Work out.

a) 2 3 7 b) 3 7 8

c) 4 9 3 d) 2 8 7

e) 6 8 5

f) 2 6 3

Work out.

Give the value of the underlined figure in each of these numbers.

Sample: 3. <u>5</u> 7	0.5 or 5 tenths
7 4 . 3 <u>8</u>	
29. <u>9</u> 2	
7 . <u>3</u> 4	
4 3 . <u>7</u> 5	
8 . 4 <u>2</u>	
9 4 . <u>7</u> 6	
74. <u>8</u> 6	
9 . 5 <u>3</u>	
69.2 <u>5</u>	
49. <u>2</u> 4	
0 . <u>9</u> 7	

Compare and circle the larger of these pairs of numbers.

a) 9.2

7.8

b) 6.8

8.6

c) 3.9 5.2

d) 97 9.7

Arrange these decimals in order. Write the **smallest** first.

a) 4.23 4.32 4.96 4.28

b) 8.39 8.93

8.29

8.94

c) 3.09 3.94 3.17 2.09

d) 7.25 7.38 7.19 7.52

A. Round to the nearest pound.

£3.58	
£6.97	
£3.29	
£4.37	

B. Round to the nearest whole number.

2.48	
8.92	
3.76	
9.28	

C. Round to the nearest meter.

7.5m	
9.2m	
27.8m	
49.3m	

D. Round to the nearest kilogram.

8.5kg	
3.7kg	
23.43kg	
49.25kg	

Work out.

Work out.

Complete the equivalent fractions.

$$\frac{2}{3} = \frac{8}{4} = \frac{8}{8}$$

$$\frac{4}{6} = \frac{1}{12}$$
 $\frac{2}{5} = \frac{6}{1}$

$$\frac{3}{4} = \frac{1}{16} \qquad \qquad \frac{1}{2} = \frac{1}{6}$$

$$\frac{3}{7} = \frac{9}{7}$$
 $\frac{4}{7} = \frac{14}{14}$

$$\frac{2}{8} = \frac{1}{16}$$
 $\frac{2}{4} = \frac{10}{1}$

$$\frac{4}{8} = \frac{12}{8} = \frac{3}{16}$$

$$\frac{1}{6} = \frac{5}{5}$$
 $\frac{3}{5} = \frac{10}{10}$

$$\frac{4}{5} = \frac{}{15}$$

$$\frac{5}{6} = \frac{}{18}$$

Compare and write >, <, or = in each box.

<u>2</u> –

5 4

<u>3</u> <u>1</u> <u>3</u>

1 3 4

 2
 2

 3
 7

Since he was hired, a chef has served 568 adults and 355 children. What is the total number of guests served?	Show your work.
Peter and his sister are sick with chicken pox. Together they have a total of 89 spots. If Peter has 48 spots, how many spots does his sister have?	Show your work.
A video game company sold 2,458 white game consoles and 789 black consoles. How many consoles have been sold altogether?	Show your work.

There were a total of 250 books on the shelves. Then 25 books were taken away. How many books are left?	Show your work.
Last year, Hong Publishing sold 3,893 printed books. It also sold 4,327 electronic books. How many books did the publisher sell in all?	Show your work.
Nathan is reading a book that has a total of 456 pages. So far, he has read 128 pages. How many pages does Nathan have left to read?	Show your work.

There are 3,572 ladybugs with spots and 4,825 ladybugs without spots. How many ladybugs are there in all?	Show your work.
The Burnett family has 2,589 grams of cherry jelly. They also have 857 grams of grape jelly. In all, how many grams of jelly do they have?	Show your work.
A total of 987 people landed at the airport today. Only 257 people landed on time. How many people did not land on time at the airport today?	Show your work.

A car company produced 3,537 cars in North America and 2,795 cars in Europe. How many cars is that in all?	Show your work.
At a ski resort, the ski lift has 9 chairs, and 6 skiers can ride in each chair. How many skiers can ride the ski lift at the same time?	Show your work.
A farmer has 280 goats. They live in 5 pens and each pen has the same number of goats. How many goats live in each pen	Show your work.

A group of 7 students collected a total of 196 cans for recycling. If they each collected the same amount, how many cans did each student collect?	Show your work.
Sara had 369 seashells. She split the seashells evenly among 3 of her friends. How many seashells did Sara give to each friend?	Show your work.
Cathy filled 36 plates with cookies. She put 9 cookies on each plate. How many cookies were there altogether?	Show your work.

$$2 \times 5 =$$

$$21 \div 3 =$$

$$10 \times 3 =$$

$$36 \div 6 =$$

$$45 \div 5 =$$

$$70 \div 7 =$$

$$35 \div 5 =$$

$$2 \times 0 =$$

$$27 \div 3 =$$

$$18 \div 2 =$$

$$27 \div 3 =$$

$$3 \times 5 =$$

$$30 \div 3 =$$

$$27 \div 3 =$$

$$6 \times 3 =$$

$$3 \times 7 =$$

$$2 \times 7 =$$

$$2 \div 2 =$$

$$24 \div 3 =$$

$$7 \times 9 =$$

$$28 \div 4 =$$

$$8 \div 2 =$$

$$7 \times 4 =$$

$$2 \times 9 =$$

$$21 \div 3 =$$

$$7 \times 7 =$$

$$21 \div 7 =$$

$$2 \times 8 =$$

$$35 \div 7 =$$

$$35 \div 5 =$$

$$7 \div 7 =$$

$$9 \times 2 =$$

$$7 \times 4 =$$

$$7 \times 3 =$$