



2023-2024

Bishop Kelley High School

Summer Math Program

Course: Pre-Algebra

DIRECTIONS:

- Summer math packets for this course need to be printed and completed.
 - You may print it off at home or come into Bishop Kelley's office for them to print it for you.
 - This work should be completed WITHOUT a calculator.
 - This packet must be completed by the first day of school, you will receive a grade for this work.
 - All work must be shown, when needed.
 - You will have an exam the first week of school over material covered in this packet.
- Any questions – email Ms. Cody at hcody@bishopkelley.org

Name : _____

Score : _____

Teacher : _____

Date : _____

3 Minute Drill

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

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$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

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Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(37 - 3^2) \div (20 - 6)$

6) $5 \times (12 - 2) - 2^2$

2) $(53 - 3) \div 10 - 2^2$

7) $(40 - 4^2) \div (12 - 6)$

3) $5 \times (14 - 6) + 3^2$

8) $(13 - 5)^2 + (8 \div 2)$

4) $(13 \times 7 - 3^2) + 8$

9) $(39 - 3) \div 12 + 2^2$

5) $(6 \times 4 + 4^2) + 7$

10) $(2 + 2)^2 + (8 \div 4)$



Name : _____

Score : _____

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Date : _____

$$35 \overline{)657}$$

$$47 \overline{)3008}$$

$$74 \overline{)4070}$$

$$91 \overline{)8204}$$

$$23 \overline{)1302}$$

$$92 \overline{)7636}$$

$$82 \overline{)1345}$$

$$26 \overline{)1950}$$

$$43 \overline{)1259}$$

$$18 \overline{)1620}$$

$$51 \overline{)3366}$$

$$59 \overline{)1876}$$



Name : _____

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Multiplication & Division Word Problems

- 1) Sam worked 3 hours, each day, for 8 days.

How many hours did he work in total ?

- 2) Sally has 40 cents. If a gumball costs 8 cents, how many

gumballs can Sally purchase ?

- 3) Dan was at the beach for five days and found 8 seashells each day.

How many seashells did Dan find during the beach trip ?

- 4) Keith goes to lunch with Sara and Sam. The total bill came to 15 dollars.

They decided to equally split up the bill, how much will each person have to pay ?

- 5) Jessica has 7 five dollars bills. How much money does she have ?

- 6) Jason, Benny, and Sandy have 24 crayons all together.

If the crayons are equally divided, how many will each person get ?

- 7) Keith has 5 violet balloons. Tom has 2 times more

violet balloons than Keith. How many violet balloons does Tom have now ?

- 8) Keith goes fishing with Fred. They catch 18 trout.

If they equally split up the trout, how many will each one get ?

- 9) A restaurant sold 9 sandwiches every day for a week.

How many sandwiches were sold during the week ?

- 10) There were a total of 21 baseball games during the three month season.

If the games are equally divided, how many baseball games are played a month ?



Name : _____

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Adding Fractions

1) $\frac{11}{22} + \frac{6}{11} =$

2) $\frac{3}{7} + \frac{8}{21} =$

3) $\frac{4}{8} + \frac{2}{16} =$

4) $\frac{3}{13} + \frac{12}{26} =$

5) $\frac{2}{6} + \frac{2}{12} =$

6) $\frac{1}{4} + \frac{2}{3} =$

7) $\frac{4}{9} + \frac{1}{27} =$

8) $\frac{3}{9} + \frac{6}{27} =$

9) $\frac{2}{7} + \frac{11}{14} =$

10) $\frac{2}{5} + \frac{1}{3} =$

11) $\frac{11}{18} + \frac{6}{9} =$

12) $\frac{5}{22} + \frac{8}{11} =$

13) $\frac{8}{28} + \frac{11}{14} =$

14) $\frac{1}{20} + \frac{4}{10} =$

15) $\frac{1}{3} + \frac{7}{18} =$



Name : _____

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3 Minute Drill

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Name : _____

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Order of Operations

1) $(2 \times 10 - 3^2) + 10$

6) $(5 + 4)^2 + (18 \div 3)$

2) $3 \times (10 - 4) - 5^2$

7) $(34 - 2^2) \div (4 + 2)$

3) $(4 \times 6 - 4^2) - 5$

8) $(14 - 2)^2 + (14 \div 2)$

4) $(66 - 6) \div 2 + 6^2$

9) $3 \times (8 - 3) - 5^2$

5) $(42 - 2) \div 8 - 5^2$

10) $(45 - 3^2) \div (13 + 5)$



Name : _____

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$$72 \overline{)1800}$$

$$76 \overline{)7262}$$

$$34 \overline{)3291}$$

$$43 \overline{)2365}$$

$$78 \overline{)788}$$

$$36 \overline{)648}$$

$$25 \overline{)1316}$$

$$98 \overline{)7644}$$

$$86 \overline{)6082}$$

$$11 \overline{)693}$$

$$84 \overline{)2688}$$

$$40 \overline{)1465}$$



Name : _____

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Word Problems

- 1) Benny wants several different color plates for his birthday. Benny wants to get 96 yellow plates, _____
84 black plates, and some amount of gold plates. In total, Benny wants 288 plates, so how
many gold plates should he get?
- 2) Before getting to school, Nancy has a few errands to run. Nancy has to walk 11 blocks to the theater, _____
and 10 blocks to the store, before walking the final 12 blocks to arrive at school. If Nancy has
already walked 6 blocks, how many more blocks must she walk before arriving at school?
- 3) Jason wants 156 cupcakes for his party. Jason has already made 60 cherry cupcakes, and 24 _____
berry cupcakes. How many more cupcakes does Jason need to make?
- 4) Peter likes to collect coins. Peter got 31 coins from his brother, 33 coins from his mother, _____
as well as 16 coins from John. However, Peter lost 19 coins before putting those coins
into his piggybank. How many coins does Peter have in his piggybank?
- 5) Sandy made 3 different stacks of wooden blocks. The first stack was 4 blocks high, the second _____
stack was 10 block(s) higher than the first, and the final stack was 4 block(s) higher than the
second. In total, how many blocks did Sandy use for all 3 stacks?
- 6) Jason had 210 bear stickers. Jason gave 74 stickers to Sandy, 35 stickers to his sister _____
and an additional 24 stickers to Mary. How many stickers does Jason still have?
- 7) Keith wanted to save money to buy a new outfit. Keith deposited 19 times for savings in March, _____
37 times in April and 34 times in May. How many times did Keith make savings
deposits over this time period?
- 8) For lacrosse season, Peter decided to buy 19 balls, 36 pairs of shorts, as well as 33 pairs _____
of lacrosse shoes. In total, how many objects did Peter buy for lacrosse season?
- 9) For lunch, Mary bought 37 glasses of juice, 35 salmon sandwich, as well as 25 brownies. _____
In total, how many menu items did Mary purchase for lunch?
- 10) At an amusement park, Peter wants to ride a rollercoaster that costs 27 tickets, a bumper car _____
that costs 19 tickets, and a merry-go-round that costs 33 tickets. Peter had 25 tickets, but lost
8 of them on a ride. How many more tickets does he need?



Name : _____

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Adding Fractions

1) $\frac{8}{13} + \frac{8}{26} =$

2) $\frac{5}{9} + \frac{11}{27} =$

3) $\frac{9}{28} + \frac{3}{7} =$

4) $\frac{4}{26} + \frac{2}{13} =$

5) $\frac{2}{14} + \frac{6}{7} =$

6) $\frac{7}{27} + \frac{8}{9} =$

7) $\frac{6}{20} + \frac{8}{10} =$

8) $\frac{5}{22} + \frac{4}{11} =$

9) $\frac{4}{5} + \frac{2}{3} =$

10) $\frac{4}{7} + \frac{4}{21} =$

11) $\frac{8}{13} + \frac{5}{26} =$

12) $\frac{2}{3} + \frac{5}{6} =$

13) $\frac{5}{10} + \frac{3}{5} =$

14) $\frac{1}{3} + \frac{12}{18} =$

15) $\frac{8}{12} + \frac{1}{4} =$

