

Name: _____

Date: _____

4th Honors Math

2026-2027 Summer Math Packet

Dear Students,

Attached you will find your summer math packet. This packet is a way for you to keep your math skills sharp over the summer and ready for September.

- Please make sure to follow the directions and show **ALL** work! You will not receive credit if your work is not shown. An important part of math is being able to show the process of how you arrive at an answer.
- Be neat and organized! Use all the paper you need and hand it in with your packet. Be sure your papers are labeled.
- Please box your final answers.
- Don't rush and check your work!
- An important part of being in honors math is knowing your multiplication and division facts. I expect you to have memorized all of your facts up to 15. Be sure to practice them over the summer.

I look forward to seeing you all in September. Have a great summer!!

Mrs. Davis

Summer Honors Math Packet

Name: _____

A. All problems in the packet are complete.

Points: 10 8 6 4 2

B. Detailed work process is shown for each problem(use extra paper if needed).

Points: 10 8 6 4 2

C. Work is neat and organized.

Points: 5 4 3 2 1

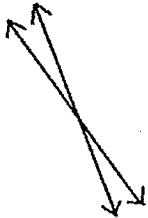
D. Summer packet is handed in on time(the first day of school). One point will be deducted for each day the assignment is late.

Points: 5 4 3 2 1

Total Points Possible: 30

Points Earned: _____

Week 1 - Skills Practice

1. $\begin{array}{r} 123 \\ 456 \\ + 789 \\ \hline \end{array}$	2. $\begin{array}{r} 702 \\ - 333 \\ \hline \end{array}$	3. Finish the fact family. $6 \times 5 = \underline{\quad}$ $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
4. Round to the nearest ten to estimate the sum. Then find the sum. $\begin{array}{r} 28 \rightarrow \underline{\quad} \\ + 44 \rightarrow + \underline{\quad} \end{array}$	5. What is the value of the underlined digit? 1,3<u>7</u>8?	6. Matthew has 204 marbles. Luke has 157 marbles. How many fewer marbles does Luke have than Matthew?
7. Ellen has 20 chocolate kisses to give equally to 4 friends. How many will each friend get?	8. Sam left to go to Blue Bayou at 10:15 AM. He arrived at Blue Bayou at 11:35 AM. How long did it take to get there?	9. Is the number even or odd? 1,235
10. $7 \times 40 = \underline{\quad}$	11. Are these lines parallel? 	12. Each side of a square is 6 cm long. What is the perimeter of the square?

Week 1 - Facts Practice

Set a timer for 5 minutes. Write how many problems you completed in that time: _____.
Then, finish any remaining problems.

$4 \times 7 = \underline{\quad}$

$7 \times 11 = \underline{\quad}$

$9 \times 10 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$9 \times 7 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$9 \times 11 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 11 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$1 \times 2 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$4 \times 1 = \underline{\quad}$

$7 \times 1 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$0 \times 10 = \underline{\quad}$

$1 \times 9 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$10 \times 11 = \underline{\quad}$

$10 \times 5 = \underline{\quad}$

$11 \times 1 = \underline{\quad}$

$10 \times 7 = \underline{\quad}$

$9 \times 12 = \underline{\quad}$

$11 \times 8 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$1 \times 12 = \underline{\quad}$

$10 \times 4 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$12 \times 4 = \underline{\quad}$

$0 \times 1 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$11 \times 7 = \underline{\quad}$

$7 \times 9 = \underline{\quad}$

$1 \times 10 = \underline{\quad}$

$3 \times 11 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

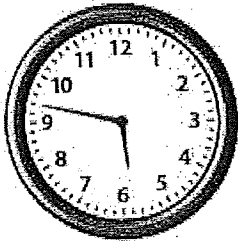
$6 \times 3 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$0 \times 6 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

Week 2 - Skills Practice

1. 48 54 + 275	2. 700 - 247	3. 509 - 247										
4. 6 x 50 = _____	5. What time is it? 	6. What is the multiplication fact family for 7, 4, and 28?										
Use the graph to answer questions 7-11. Team <table><tr><th colspan="2">Championship Wins</th></tr><tr><td>Knights</td><td> </td></tr><tr><td>Warriors</td><td> </td></tr><tr><td>Spartans</td><td> </td></tr><tr><td>Wolves</td><td> </td></tr></table> 02468 Number of wins	Championship Wins		Knights		Warriors		Spartans		Wolves		7. Who won the most championships?	8. Who won the least championships?
Championship Wins												
Knights												
Warriors												
Spartans												
Wolves												
9. How many wins did the Knights have?	10. How many more wins did the Wolves have than the Warriors?	11. How many wins did the teams have all together?										

Week 2 - Facts Practice

Set a timer for 5 minutes. Write how many problems you completed in that time: _____.
Then, finish any remaining problems.

$72 \div 6 = \underline{\quad}$

$60 \div 6 = \underline{\quad}$

$18 \div 2 = \underline{\quad}$

$55 \div 5 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

$42 \div 7 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$77 \div 7 = \underline{\quad}$

$4 \div 2 = \underline{\quad}$

$0 \div 1 = \underline{\quad}$

$8 \div 4 = \underline{\quad}$

$0 \div 2 = \underline{\quad}$

$84 \div 7 = \underline{\quad}$

$40 \div 8 = \underline{\quad}$

$36 \div 6 = \underline{\quad}$

$16 \div 4 = \underline{\quad}$

$55 \div 11 = \underline{\quad}$

$6 \div 2 = \underline{\quad}$

$72 \div 8 = \underline{\quad}$

$80 \div 10 = \underline{\quad}$

$60 \div 5 = \underline{\quad}$

$80 \div 8 = \underline{\quad}$

$12 \div 2 = \underline{\quad}$

$36 \div 3 = \underline{\quad}$

$9 \div 1 = \underline{\quad}$

$45 \div 9 = \underline{\quad}$

$24 \div 12 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$22 \div 2 = \underline{\quad}$

$11 \div 1 = \underline{\quad}$

$18 \div 3 = \underline{\quad}$

$88 \div 11 = \underline{\quad}$

$3 \div 1 = \underline{\quad}$

$9 \div 3 = \underline{\quad}$

$15 \div 5 = \underline{\quad}$

$48 \div 6 = \underline{\quad}$

$33 \div 3 = \underline{\quad}$

$66 \div 11 = \underline{\quad}$

$5 \div 1 = \underline{\quad}$

$12 \div 4 = \underline{\quad}$

$108 \div 12 = \underline{\quad}$

$7 \div 1 = \underline{\quad}$

$132 \div 11 = \underline{\quad}$

$33 \div 11 = \underline{\quad}$

$0 \div 3 = \underline{\quad}$

$40 \div 4 = \underline{\quad}$

$10 \div 5 = \underline{\quad}$

$6 \div 6 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$32 \div 8 = \underline{\quad}$

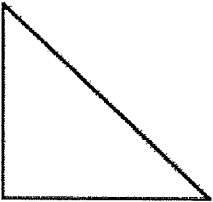
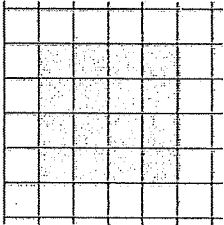
$81 \div 9 = \underline{\quad}$

$84 \div 12 = \underline{\quad}$

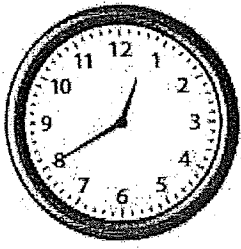
Week 3 - Skills Practice

1. Round to the nearest hundred. 872 _____ 234 _____ 540 _____ 381 _____	2. $\begin{array}{r} 902 \\ - 646 \\ \hline \end{array}$	3. What is the value of the underlined digit? 9,<u>4</u>56
4. Find the perimeter. 4 in.	5. Karen is collecting rose petals for a wedding. Each rose has 12 petals. How many petals will Karen get from 8 roses?	6. Is the number even or odd? 689
7. $2 \times 12 = \underline{\quad} + 4$	8. David's bedroom is 15 ft. wide and 10 ft. long. What is the area of David's bedroom?	9. What fraction is shaded?
10. I am making a sign to advertise my new store. The sign has 2 pairs of parallel sides and four right angles. What is the shape of my sign?	11. $9 \times 40 = \underline{\quad}$	12. Peter is going to bed 1 hour and 20 minutes past his bedtime. His bedtime is 8:30 PM. What time is Peter going to bed?

Week 4 - Skills Practice

1. Is the sum of 456 and 986 even or odd?	2. There are 3 feet in a yard. Brandon is making a tree swing. He needs 12 feet of rope. How many yards should he buy?	3. How many right angles does this shape have? 
4. $9 \times \underline{\hspace{2cm}} = 81$ $84 = 12 \times \underline{\hspace{2cm}}$	5. Find the area.  <u> </u> square units	6. $\begin{array}{r} 301 \\ - 158 \\ \hline \end{array}$
7. Jim has 45 baseball cards to put in his album. Each album page holds 9 cards. How many pages does he need?	8. Round to the highest place value. $456 \underline{\hspace{2cm}}$ $37 \underline{\hspace{2cm}}$ $960 \underline{\hspace{2cm}}$	9. $\begin{array}{r} 557 \\ + 842 \\ \hline \end{array}$
10. Eight cub scouts collected old newspapers for their recycling project. Each scout collected 12 loads of paper. How many loads did they collect in all?	11. Sarah bought 2 bags of dog food that cost \$4 each. She also bought 3 dog treats that cost \$6 each. How much money did Sarah spend?	12. $12 \times 3 = 6 + \underline{\hspace{2cm}}$ $2 \times 11 = \underline{\hspace{2cm}} + 20$

Week 5 - Skills Practice

1. What time is it? 	2. Look at the clock from #1. What time will it be in 17 minutes?	3. $9 \times 60 = \underline{\hspace{2cm}}$
4. $\begin{array}{r} 579 \\ 238 \\ + 374 \\ \hline \end{array}$	5. Write the number in standard form. $500 + 60 + 5$	6. Which fraction is shaded? 
7. $\begin{array}{r} 614 \\ - 288 \\ \hline \end{array}$	8. Use the distributive property to find 8×14. $8 \times 14 = 8 \times (10 + \underline{\hspace{1cm}})$ $8 \times 14 = (8 \times \underline{\hspace{1cm}}) + (8 \times \underline{\hspace{1cm}})$ $8 \times 14 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$ $8 \times 14 = \underline{\hspace{1cm}}$	9. You are framing a picture. It will be a square with 5 inch sides. What is the perimeter of the frame?
10. Robert read 15 books this summer. He read the same number of books each month for 3 months. How many books did he read each month?	11. Compare using $<$, $>$, or $=$. $239 \underline{\hspace{1cm}} 231$ $4,798 \underline{\hspace{1cm}} 5,982$ $8,900 \underline{\hspace{1cm}} 8,299$	12. Write the multiplication fact family for 12, 3, and 36.

Week 6 - Skills Practice

1. There are 4 quarts in each gallon of lemonade. Michael is making 8 gallons of lemonade. How many quarts is he making?

2.

$$4 \times 12 = \underline{\quad\quad} \times 6$$

$$123 + 17 = 45 + \underline{\quad\quad}$$

3. Put the fractions in order from least to greatest.

$$\frac{2}{5}, \frac{1}{5}, \frac{4}{5}$$

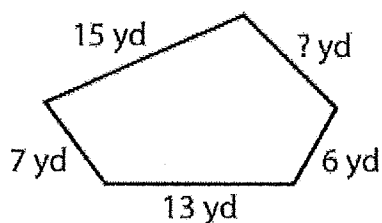
4. Is the difference of 871 and 234 even or odd?

5. Maria bought a large pack of stickers. It contained 9 sheets with 6 stickers on each sheet. How many stickers did the pack contain?

6.

$$\begin{array}{r} 739 \\ + 586 \\ \hline \end{array}$$

7. The perimeter of the polygon is 50 yards. What is the missing side length?



Use the graph to answer questions 8-10.

Lunch Orders	
Grilled chicken	   
Turkey hot dog	 
Peanut butter and jelly sandwich	 
Salad bar	  

Each  = 6 students.

8. How many students ordered lunch?

9. How many more students ordered the salad bar than the turkey hot dog?

10. What was the most common lunch order?