Name	Date

1. Circle the expression equivalent to "the difference between 7 and 4, divided by a fifth."

7 +
$$(4 \div \frac{1}{5})$$
 $\frac{7-4}{5}$ $(7-4) \div \frac{1}{5}$ $\frac{1}{5} \div (7-4)$

2. Circle the expression(s) equivalent to "42 divided by the sum of $\frac{2}{3}$ and $\frac{3}{4}$."

$(\frac{2}{3} + \frac{3}{4}) \div 42$	$(42 \div \frac{2}{3}) + \frac{3}{4}$	$42 \div (\frac{2}{3} + \frac{3}{4})$	$\begin{pmatrix} \frac{42}{\frac{2}{3}+\frac{3}{4}} \end{pmatrix}$
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3. Fill in the chart by writing the equivalent numerical expression or expression in word form.

	Expression in word form	Numerical expression
a.	A fourth as much as the sum of $3\frac{1}{8}$ and 4.5	$\frac{1}{4} \times (3\frac{1}{8} + 4.5)$
b.	The sum of 3 \$ and 4.5 divided by 5.	$(3\frac{1}{8}+4.5)\div 5$
с.	Multiply $\frac{3}{5}$ by 5.8, then halve the product	$\left(\frac{3}{5}\times5.8\right)\div2$
d.	to as much as the difference betwee 4.8 and 之.	n $\frac{1}{6} \times (4.8 - \frac{1}{2})$
e.	The difference between 8 and the guotient of $\frac{1}{2}$ and 9.	$8 - (\frac{1}{2} \div 9)$

4. Compare the expressions in 3(a)and 3(b). Without evaluating, identify the expression that is greater. Explain how you know.

3(a) is bigger because both expressions have (3\$+4.5) but 3(6) divides it by 5, while 3(a) only divides it by 4. This makes 3(a) bigger.



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5. Evaluate the following expressions.



- 6. Lee is sending out 32 birthday party invitations. She gives 5 invitations to her mom to give to family members. Lee mails a third of the rest, and then she takes a break to walk her dog.
 - a. Write a numerical expression to describe how many invitations Lee has already mailed.



Interpret and evaluate numerical expressions including the

language of scaling and fraction division.

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Date:

COMMON

CORE

 $\frac{1}{3} \times (32 - 5)$