$\qquad$ Date $\qquad$
Final Exam Unit 2 review

1. Model - 3 in 2 different ways.


2 . Find each sum using tiles.
a) $(+6)+(-12)=-6$

c) $(+2)+(+7)=+9$

3. The elevation of the entrance to a mine is 400 m above sea level. The workers travel 950 m to get to the bottom of the mine. Use an addition sentence to find the depth of the mine.


$$
\begin{gathered}
(+400)+(-950) \\
=-550 \mathrm{~m}
\end{gathered}
$$

4. These are the scores on each hole of mini-golf. Find the total score.

$$
\begin{array}{r}
\text { Sore }|-2|+1|0+3|-1|+2|-1|0|-2 \mid \\
\underbrace{(-2)+(+1)+\emptyset+(+3)+(-1)+(+2)+(-1)+\phi+(-2)}_{(+2)+(-1)+(+2)+(-1)+(-2)} \begin{array}{r}
(-1)+(+3)+(-1)+(+2)+(-1)+(-2)+(-1)+(-2) \\
(+3)+(-1)+(-2) \\
(+2)+(-2)=0
\end{array}
\end{array}
$$

Grade 7
5. Use a number line to add.
a) $(+4)+(-6)$

b) $(-5)+(-4)$

c) $(-7)+(+8)$

d] $(+4)+(+3)$
 $+7$
6. The temperature in Cagary was $-7^{\circ} \mathrm{C}$. A Chinook caused the temperature to rise $12^{\circ} \mathrm{C}$. What was the tonal 'emperature?

$$
(-7)+(+12)=+5^{\circ} \mathrm{C}
$$

7. Add.

$$
\begin{array}{cc}
(-7)+(-4) & (+8)+(-12) \\
-11 & -4 \\
(+3) & -4
\end{array}
$$

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Name $\qquad$ Date $\qquad$
8. Use tiles to subtract.

9. What do you subtract -3 from to get the answer +4 ?

$$
\begin{array}{lll}
\square-(-3)=+4 & & \text { use } \\
\square+(+3)=+4 & \text { Answer is }+1 & \text { zero pairs }
\end{array}
$$

10. Use a number dine to subtract. Then subtract withering a model.
a) (-5)-(-4) Think: What is the difference between -5 \&-4?

d] $(+7)-(+2)$

11. What is the distance between $\varepsilon$ n airplane cruising at an altitude of 3500 m and 3 submarine at a depth 975 m . Use a subtraction statement to find it.


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