Number

Addition and Subtraction of Integers 1 – Solve problems involving integers, including word problems.

Examples a) Calculate $-2 + 5$ b) Calculate $2 - 6$ a) The -2 gives us our starting point. The $+$ tells us to move to the right. The 5 tells us the number of steps to move. Therefore $-2 + 5 = 3$ By calculator (-) 2 + 5 = b) The 2 gives us our starting point. The $-$ tells us to move to the left. The 6 tells us the number of steps to move. Therefore $2 - 6 = -4$ By calculator 2 - 6 =	 Application Problems Write each of the following as an integer expression and then solve. 11. Simon's balance in his bank account is \$55 OD (i.e\$55). He deposits a cheque for \$92 into the account. What is the new balance of his account? 12. The temperature at the Antarctic is reported as -16° C. Sometime later the temperature drops another 9 degrees. What is the current temperature?
calculator if you wish.	· · · · · · · · · · · · · · · · · · ·
1. $-14 + 6 =$ 2. $-14 - 9 =$	 13. A diver is at a depth of -34 metres, i.e. 34 metres below sea level. If he rises 16 metres what is his new
3. ⁻ 23 + 37 =	depth?
434 + 18 =	14. Ana had \$17 in her bank account. She wanted
5. $-72 + 48 =$ 6. $-10 + 15 - 24 =$	to buy a digital watch costing \$8, a bracelet costing \$5, a ring costing \$4, a tee shirt costing \$9 and some socks costing \$6. Does she have enough money. If not, how much short is she?
7. $36-22-48 =$	
8. $-19 - 15 + 59 =$ 9. $47 - 93 + 112 - 30 =$	15. A freezer shows a reading of -41° C. If the temperature rises 32°C, then drops 19° C what is the current temperature of the freezer?
10. $-87 + 95 - 34 + 68 =$	
Problem Solving There are some widges and some wimbles in a jar. Altogether they have 34 legs (or arms). If wimbles have 8 legs (or arms) and widges 6 legs, how many of each is there? Wimbles Wimbles Wimbles	
I found this work	Proportion completed
Easy OK Difficult None Fev	w Half Most All Date:

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