

Master Maths 10 Worksheet 6

Integers

6

Name: _____

1. Complete this multiplication table.

×	-2	-3	-6	-10	-12	-7
	-2					
		-27				
			-24			
				80		
					60	
						77

2. Complete this addition table.

+	-10		-12		6	
	-5					
-9		-5				
			-5			
-3				-5		
					-5	
3						-5

3. Find the following.

- | | |
|---|---|
| (a) 6 more than 3 | (b) 6 less than 3 |
| <input style="width: 50px; height: 20px;" type="text"/> | <input style="width: 50px; height: 20px;" type="text"/> |
| (c) 2 more than -8 | (d) 5 less than -5 |
| <input style="width: 50px; height: 20px;" type="text"/> | <input style="width: 50px; height: 20px;" type="text"/> |
| (e) 8 more than -3 | (f) 8 more than -23 |
| <input style="width: 50px; height: 20px;" type="text"/> | <input style="width: 50px; height: 20px;" type="text"/> |

4. Solve the following problems given that:

$a = 5 \quad b = -4 \quad c = -6$

- (a) ab (b) $b - a$ (c) $2a - 5c$

- (d) $5abc$ (e) $\frac{2a - 5b}{c}$ (f) $\frac{7c - 3b}{2a}$

5. A naval patrol boat was patrolling a north-south coastline. It left base and travelled north 58 km. It then turned around and travelled south 146 km. It then travelled north 172 km and then south 98 km. How far, and in what direction, is the patrol boat from its base?

6. The sum of three numbers, **A**, **B** and **C**, is -2.

B = 2A

C = B + 18

Find **A**, **B** and **C**.

A

B

C