

1. (4 pts.) Add the integers:

a)  $17 + (-42)$  — opposite signs (subtract)  
 $= -25$

$$\begin{array}{r} 3 \\ -42 \\ +17 \\ \hline -25 \end{array}$$

b)  $-8 + (-8)$  — same signs (add amounts)  
 $= -16$

2. (2 pts.) For the number 403,512

a) What digit is in the ten thousands place? 0

b) What digit is in the hundreds place? 5

3. (4 pts.) Circle each number that 603,512 is divisible by.

2 even (div. by 2)

3

$$6 + 3 + 5 + 1 + 2 = 17 \rightarrow \text{not div. by 3}$$

4

last 2 digits: 12  $\rightarrow$  div. by 4

5

doesn't end in 0 or 5  $\rightarrow$  not div. by 5