



(3) Beskou:  $A = \frac{\sqrt{k+6}}{k^2}$

Bepaal vir watter waarde(s) van  $k$  sal A (i) ongedefinieerd wees?  
(ii) reëel wees?

(i) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(ii) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(4) Beskou die versameling:  $\{18; \sqrt{81}; -\frac{18}{4}; (-4)^2; \frac{0}{-6}; 9,2\}$

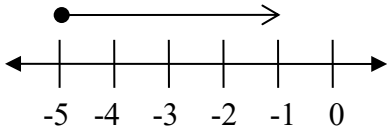
(a) Skryf die getalle in numeriese volgorde.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(b) Skryf die Irrasionale getalle neer.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(5) Voltooi die volgende tabel:

|     | Versamelingkeurdersnotasie                    | Intervalnotasie:       | Grafiese voorstelling:                                                                                                                                                                                                                                                           |
|-----|-----------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) | $\{m / 8 \leq m \leq 11 ; m \in \mathbb{R}\}$ |                        |                                                                                                                                                                                                                                                                                  |
| (b) |                                               | $k \in (-\infty ; -4]$ |                                                                                                                                                                                                                                                                                  |
| (c) |                                               |                        |  <p>A number line with tick marks at -5, -4, -3, -2, -1, and 0. A solid black dot is placed at -5. A horizontal ray starts at this dot and extends to the right, ending in an arrowhead.</p> |
| (d) | $\{y / y > 0 ; y \in \mathbb{Z}\}$            |                        |                                                                                                                                                                                                                                                                                  |