

## ARBETSBLAD 33

### Räkna med kvadratrötter

1 a)  $\sqrt{4} + \sqrt{9} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\sqrt{64} - \sqrt{25} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2 a)  $\sqrt{1} + \sqrt{16} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\sqrt{100} - \sqrt{49} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3 Vilket tal är  $x$ ?

a)  $\sqrt{x} = 9$  Svar:  $\underline{\hspace{2cm}}$

b)  $\sqrt{x} - \sqrt{36} = 4$  Svar:  $\underline{\hspace{2cm}}$

4 a)  $\sqrt{25} \cdot \sqrt{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\frac{\sqrt{100}}{\sqrt{4}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

5 a)  $\frac{\sqrt{81}}{\sqrt{9}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\sqrt{1} \cdot \sqrt{64} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

6 Mellan vilka två heltal ligger

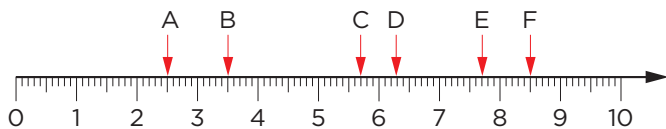
a)  $\sqrt{20}$  Svar:  $\underline{\hspace{2cm}}$

b)  $\sqrt{60}$  Svar:  $\underline{\hspace{2cm}}$

7 Vilken av pilarna pekar mot

a)  $\sqrt{12}$  Svar:  $\underline{\hspace{2cm}}$

b)  $\sqrt{40}$  Svar:  $\underline{\hspace{2cm}}$



8 a)  $\frac{50}{\sqrt{25}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\frac{\sqrt{36}}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

9 a)  $7 \cdot \sqrt{49} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b)  $\sqrt{400} / \sqrt{25} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 Vilket tal är  $x$ ?

a)  $\sqrt{x+1} = 10$  Svar:  $\underline{\hspace{2cm}}$

b)  $100 - \sqrt{x} = 90$  Svar:  $\underline{\hspace{2cm}}$

## ARBETSBLAD 33 - FACIT

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### Räkna med kvadratrötter

- 1** a) 5  
b) 3
- 2** a) 5  
b) 3
- 3** a)  $x = 81$   
b)  $x = 100$
- 4** a) 10  
b) 5
- 5** a) 3  
b) 8
- 6** a) 4 och 5  
b) 7 och 8
- 7** a) B  
b) D
- 8** a) 10  
b) 1
- 9** a) 49  
b) 4
- 10** a)  $x = 99$   
b)  $x = 100$