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|--|---------------|--|-----------------------|------------------|
|  | Navn:         |  | Skole:                |                  |
|  | Klasse:<br>20 |  | Dato: 12. august 2021 | Fag: Matematik A |

### **Opgave 425**

$$|\vec{A}| = \sqrt{9^2 + 2^2} = \sqrt{85} \approx 9,219544$$

$$|\vec{B}| = \sqrt{3^2 + 5^2} = \sqrt{34} \approx 5,830952$$

$$|\vec{C}| = \sqrt{7^2 + 4^2} = \sqrt{65} \approx 8,062258$$

$$\angle \vec{A} = \tan^{-1}\left(\frac{2}{9}\right) \approx 12,52881$$

$$\angle \vec{B} = \tan^{-1}\left(\frac{5}{3}\right) \approx 59,03624$$

$$\angle \vec{C} = \tan^{-1}\left(\frac{4}{7}\right) \approx 29,74488$$