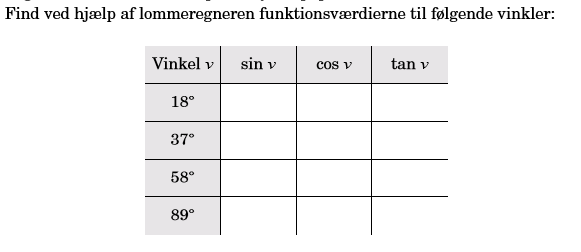
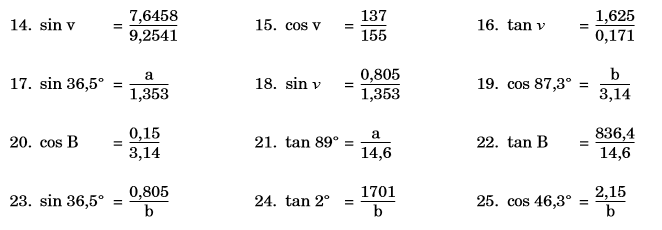
Matematik, Niveau D

**Opgave09: Trigonometri**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**



**Beregn den ukendte størrelse i opgave 14-25:**



**Eksempler på løsninger (opg. 14 og 21):**

**14:** sin v = (7,6458/9,2541)

**=>**

v = sin-1(7,6458/9,2541)

**=>**

v = 55,710

**21:** tan 890 = a/14,6

**=>**

a = tan 89 \* 14,6

**=>**

a = 836,4

Matematik, Niveau D

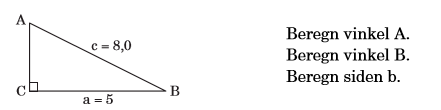
**Opgave09: Trigonometri (side 2)**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**

Matematik, Niveau D

**Opgave09: Trigonometri (side 3)**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**



**Løsning :**

**<A = sin-1(mod/hyp) = sin-1(5/8) = 38,680**

**<B = cos-1(hos/hyp) = cos-1(5/8) = 51,320**

**cos (A) = HOS/HYP**

**=>**

**cos (38,68) = b/8**

**=>**

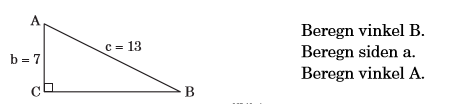
**b = cos (38,68) \* 8**

**=>**

**b = 6,25**

**Prøv at følge ”opskriften” i de øvrige opgaver.**





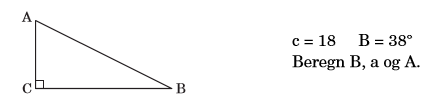
Matematik, Niveau D

**Opgave09: Trigonometri (side 4)**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**



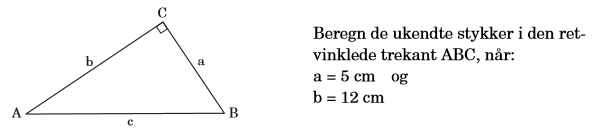




Matematik, Niveau D

**Opgave09: Trigonometri (side 5)**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**







Matematik, Niveau D

**Opgave09: Trigonometri (side 6)**

**Navn: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hold: \_\_\_\_\_\_\_\_**

