

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Počítání s úhly – příklady

Výklad

$$31^{\circ} 32' 33'' + 49^{\circ} 48' 47'' = 80^{\circ} 80' 80'' = 80^{\circ} 81' 20'' = \underline{\underline{81^{\circ} 21' 20''}}$$

$$70^{\circ} - 32^{\circ} 19' = 69^{\circ} 60' - 32^{\circ} 19' = \underline{\underline{37^{\circ} 41'}}$$

$$95^{\circ} 26' 17'' - 45^{\circ} 34' 23'' = 94^{\circ} 85' 77'' - 45^{\circ} 34' 23'' = \underline{\underline{49^{\circ} 51' 54''}}$$

$$24^{\circ} 51' \cdot 4 = 96^{\circ} 204' = 96^{\circ} + 3^{\circ} + 24' = \underline{\underline{99^{\circ} 24'}}$$

$$65^{\circ} : 4 = \underline{\underline{16^{\circ} \text{ (zb. } 1^{\circ}\text{)}}} \Rightarrow 1^{\circ} = 60' \Rightarrow 60' : 4 = 15' \Rightarrow \underline{\underline{16^{\circ} 15'}}$$

$$122^{\circ} 38' : 8 =$$

$$122^{\circ} : 8 = \underline{\underline{15^{\circ} \text{ (zb. } 2^{\circ}\text{)}}} \Rightarrow 2^{\circ} = 120'$$

$$120' + 38' = 158' \Rightarrow 158' : 8 = \underline{\underline{19' \text{ (zb. } 6'\text{)}}} \Rightarrow 6' = 360''$$

$$360'' : 8 = \underline{\underline{45''}} \Rightarrow 122^{\circ} 38' : 8 = \underline{\underline{15^{\circ} 19' 45''}}$$

Zadání

$$25^{\circ} 13' + 18^{\circ} 21' = \quad 15^{\circ} 28' \cdot 3 = \quad 47^{\circ} 37' 27'' + 17^{\circ} 27' 48'' =$$

$$72^{\circ} 25' - 38^{\circ} 14' = \quad 9 \cdot 8^{\circ} 31' = \quad 75^{\circ} 37' - 37^{\circ} 15'' =$$

$$34^{\circ} 27' + 25^{\circ} 52' = \quad 12^{\circ} 13' 14'' \cdot 7 = \quad 145^{\circ} - 63^{\circ} 28' 53'' =$$

$$81^{\circ} 30' - 32^{\circ} 49' = \quad 6 \cdot 24^{\circ} 36' 48'' = \quad 88^{\circ} 20'' : 9 =$$

$$95^{\circ} - 48^{\circ} 25' = \quad 45^{\circ} : 8 = \quad 62^{\circ} 26' 18'' - 26^{\circ} 18' 41'' =$$

$$121^{\circ} - 89^{\circ} 20'' = \quad 124^{\circ} 26' : 12 = \quad 13 \cdot 19^{\circ} 51'' =$$

$$53^{\circ} 14'' + 28^{\circ} 46' = \quad 56^{\circ} 1' 5'' : 5 = \quad 96^{\circ} 1' 9'' : 3 =$$

Výsledky – dle sloupců

43°34'; 34°11'; 60°19'; 48°41'; 46°35'; 31°59'40''; 81°46'14''
 46°24'; 76°39'; 85°32'38''; 147°40'48''; 5°37'30''; 10°22'10''; 11°12'13''
 65°5'15''; 38°36'45''; 81°31'7''; 9°46'43''; 36°7'37''; 247°11'3''; 32°23''