

Ihumanea Pāngarau Koki Taparau MĀ TE KAIKO

Kia Mōhio te Ākonga ki:

- ngā momo koki
- ngā momo tapatoru, tapawhā hoki
- te tapeke o ngā koki roto o tētahi tapatoru me tētahi tapawhā

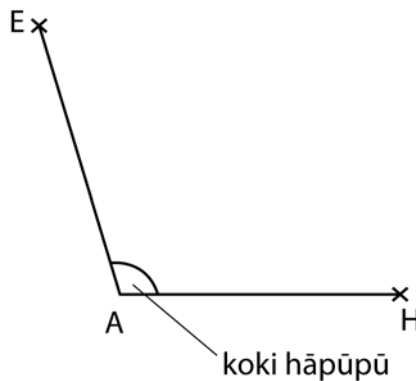
Kupu Matua:

koki hāpūpū, koki tāhapa, koki rāwaho, tapatoru, tapawhā, koki roto, tapeke

Hei Mahi:

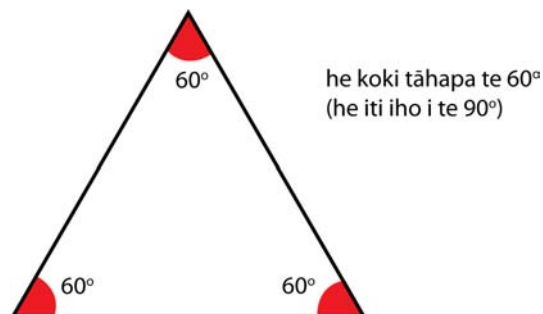
He tūhuratanga koki tapatoru

1. Ka taea tētahi tapatoru te tuhi kia rua ōna koki hāpūpū? Whakamāramatia mai. Kāore. 180° te tapeke o ngā koki o ngā tapatoru katoa, ahakoa te āhua o te tapatoru. Engari he nui ake i te 90° te koki hāpūpū. Mēnā e rua ngā koki nui ake i te 90° , kua hipa kē atu te tapeke i te 180° , kāore anō kia whai wāhi mai te koki tuatoru.

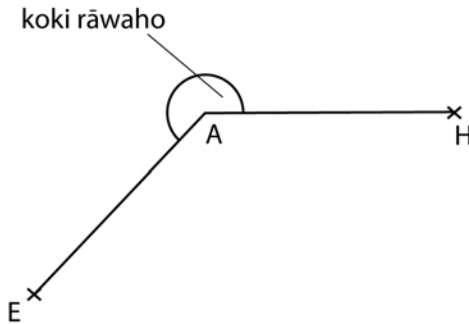


Kāore e taea te kimi mai tētahi pūwāhi i te rārangi AE me tētahi i te rārangi AH hei honohono, kia hua ai he koki hāpūpū atu anō i te tapatoru ka puta.

2. Ka taea tētahi tapatoru te tuhi kia toru ōna koki tāhapa? Whakamāramatia mai. Āe. He iti ake i te 90° te koki tāhapa, He māmā noa iho te whiriwhiri i ētahi koki e toru, he iti iho i te 90° , ko te 180° te tapeke. Hei tauira, ko te tapatoru rite, e 60° te rahi o ia koki.



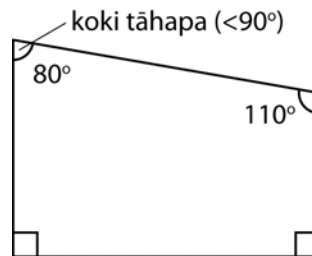
3. Ka taea tētahi tapatoru te tuhi kia kotahi tōna koki rāwaho? Whakamāramatia mai. Kāore. He nui ake te koki rāwaho i te 180° , engari ko te 180° te tapeke o ngā koki e toru katoa o tētahi tapatoru.



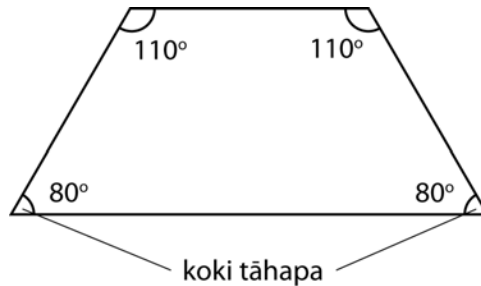
Kāore e taea te kimi mai tētahi pūwāhi i te rārangi AE me tētahi i te rārangi AH hei honohono, kia noho mai ai te koki A ki roto i te tapatoru.

He tūhuratanga koki tapawhā

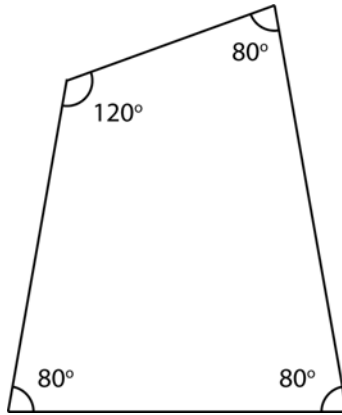
1. Ka taea tētahi tapawhā te tuhi kia kotahi tōna koki tāhapa? Whakamāramatia mai. Āe. E 360° te tapeke o ngā koki o tētahi tapawhā. Mēnā e rua ngā koki hāngai (90°), ka taea tētahi koki he iti iho i te 90° (he koki tāhapa tērā) me tētahi he nui ake i te 90° kia eke te tapeke ki te 360° . Hei tauria:



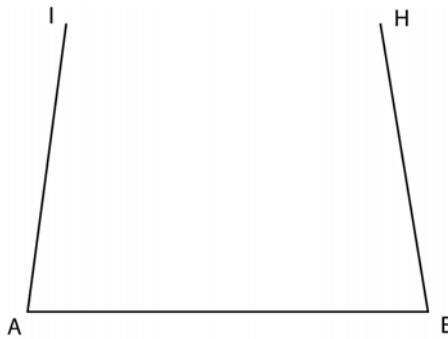
2. Ka taea tētahi tapawhā te tuhi kia rua ōna koki tāhapa? Whakamāramatia mai. Āe. E 360° te tapeke o ngā koki o tētahi tapawhā. Mēnā e rua ngā koki he iti iho i te 90° , he nui ake i te 90° ērā atu koki, kia eke te tapeke ki te 360° . Hei tauria:



3. Ka taea tētahi tapawhā te tuhi kia toru ōna koki tāhapa? Whakamāramatia mai. Āe. E 360° te tapeke o ngā koki o tētahi tapawhā. Mēnā e toru ngā koki he iti iho i te 90° , he nui ake i te 90° te koki tuawhā, kia eke te tapeke ki te 360° . Hei tauria:

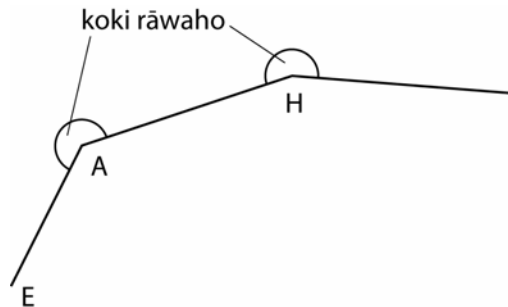


4. Ka taea tētahi tapawhā te tuhi kia whā ōna koki tāhapa? Whakamāramatia mai. Kāore. E 360° te tapeke o ngā koki o tētahi tapawhā. He koki tāhapa te 89° , he tino pātata ana ki te 90° . Mēnā e whā ngā koki 89° , ko te 356° te tapeke. He iti iho tērā i te 360° .



Kāore e taea te kimi mai tētahi pūwāhi i te rārangi AI me tētahi i te rārangi EH hei honohono, kia puta ai he tapawhā, ā, kia iti iho i te 90° te koki I me te koki H.

5. Ka taea tētahi tapawhā te tuhi kia rua ōna koki rāwaho? Whakamāramatia mai. Kāore. E 360° te tapeke o ngā koki o tētahi tapawhā, engari he nui ake i te 180° te koki rāwaho. Ina tāpiria aua koki rāwaho e rua, kua hipa kē atu i te 360° .



Kāore e taea te kimi mai tētahi pūwāhi i te rārangi AE me tētahi i te rārangi HI hei honohono, kia noho mai ai te koki A me te koki H ki roto i te tapawhā.