$$a \mathrel{\vrule height1.2ex depth0.3ex\mathord{\approx}\limits_{l}^{u}} b \qquad \frac{A}{C} \mathrel{\vrule\mathord{\approx}\limits_{l}^{u}} B \qquad \frac{A}{C} \mathrel{\Big\vert\mathord{\overset{u}{\underset{l}{\approx}}}} B$$

$$a \mathrel{\vrule\limits_{l}^{u}} b \qquad \frac{A}{C} \mathrel{\vrule\limits_{l}^{u}} B \qquad \frac{A}{C} \mathrel{\Big\vert\limits_{l}^{u}} B$$

$$a \mathrel{\vrule\limits_{\overline{l}}^{u}} b \qquad \frac{A}{C} \mathrel{\vrule\limits_{\overline{l}}^{u}} B \qquad \frac{A}{C} \mathrel{\Big\vert\limits_{\overline{l}}^{u}} B$$