



$$\begin{aligned}
 & (y - \frac{H}{H}) \times \frac{w}{fw} - fh \times \frac{w}{fw} \times \frac{1}{2} \\
 &= \frac{w}{fw} (y - \frac{H}{H} - \frac{1}{2} fh) \\
 &= \frac{w}{fw} (y - \frac{3}{2} fh)
 \end{aligned}$$

$$\begin{aligned}
 & fh \times \frac{w}{fw} \times \frac{1}{2} - (y - fh) \times \frac{w}{fw} \\
 &= \frac{w}{fw} (\frac{1}{2} fh - y + fh) \\
 &= \frac{w}{fw} (\frac{3}{2} fh - y)
 \end{aligned}$$