

$\exists x_1 \dots \exists x_n \forall y_1 \dots \forall y_m$
 $\neg \exists x_1 \dots \exists x_n$

$\exists x_1 \dots \exists x_n \forall y_1 \dots \forall y_m$
 $\neg \exists x_1 \dots \exists x_n$

$\exists x_1 \dots \exists x_n \forall y_1 \dots \forall y_m$
 $\neg \exists x_1 \dots \exists x_n$