

Stage 3

② Simplify the following.

$$(1) 2 \times m \times n \times m$$

$$(2) 3 \times -a \times -a \times b$$

$$(3) m \times 5 \times -n \times -n \times m$$

$$(4) x \times y \times -y \times y \times 2 \times -x$$

$$(5) -c \times d \times c \times d \times -7 \times c$$

② Simplify the following.

$$(6) 5 \times -a \times -b \times b$$

$$(7) -4 \times -c \times -c \times d$$

$$(8) p \times 6 \times -p \times p \times -q \times -q$$

$$(9) g \times h \times -h \times g \times 8 \times -g$$

$$(10) -f \times f \times d \times d \times -4 \times -d$$

☺ Simplify the following.

$$(11) m \times -2 \times -3 \times -m \times n \times m$$

$$(12) 6a \times b \times -a \times -b \times 5a$$

$$(13) -10m \times -5n \times -m \times n \times n$$

$$(14) x \times -x \times -3 \times x \times -2y$$

$$(15) c \times 2c \times -d \times -3d \times d \times -c$$

☺ Simplify the following.

$$(16) -7 \times b \times 5 \times -b \times d \times -d$$

$$(17) 7m \times -m \times -m \times n \times 2m$$

$$(18) -10s \times -2t \times -t \times s \times -t$$

$$(19) -x \times -4x \times -5 \times y \times -2y$$

$$(20) h \times 6k \times -h \times -4k \times -k \times h$$

☺ Simplify the following.

$$(21) \ 5 \times a \times -2 \times b \times 3 \times -a \times b \times c$$

$$(22) \ m \times -2n \times 3p \times -2n \times -p \times n \times m$$

$$(23) \ -2x \times -3y \times -4a \times x \times 2x \times -a$$

$$(24) \ 2a \times -3c \times 4b \times -b \times a \times -5c \times a$$

$$(25) \ 2r \times -3q \times r \times 5p \times p \times q \times -2p \times r \times q$$

☺ Simplify the following.

$$(26) \ 8g \times h \times -3 \times h \times 2 \times -h \times f \times f$$

$$(27) \ 4g \times -2f \times -3f \times 5g \times h \times 5f \times h$$

$$(28) \ -4c \times -2b \times -a \times a \times b \times -2c$$

$$(29) \ m \times -4n \times 2p \times -2p \times m \times n \times 3m$$

$$(30) \ 2y \times x \times z \times -x \times y \times 3y \times x \times z \times 2z$$

☺ Simplify the following.

$$(31) \ a \times -3b \times 2a^2 \times b^3 \times c \times -c \times c$$

$$(32) \ 3n^2 \times -5a^3 \times -n \times m \times -m^2 \times a$$

$$(33) \ 2b \times 3c \times -b^3 \times c^2 \times -b \times d^2$$

$$(34) \ m^3 \times 2m^2 \times -2p^2 \times -n^3 \times p \times -n^5$$

$$(35) \ 4a^3 \times (-a)^2 \times (-5c)^2 \times b^3 \times -c \times -b$$

☺ Simplify the following.

$$(36) \ a^4 \times -b \times 2a^2 \times c^3 \times b \times -2a \times b^3$$

$$(37) \ 3n^2 \times -5a^3 \times -n \times m \times -m^2 \times a$$

$$(38) \ 2f \times 4g \times -f^3 \times g^2 \times -3h \times h^3$$

$$(39) \ x^3 \times 2y^2 \times -3z^2 \times (-x)^3 \times z \times -y^5$$

$$(40) \ 2k^3 \times (-2j)^2 \times (-3h)^2 \times k^5 \times -j \times 2h$$