

```
declare
    nrMemories = 0;
    nrOperators = 5;
    nrTargets = 1;
enddeclare
```

```
mlt mlt_fx_6_18;
    format = TWOS_COMPLEMENT;
    sz1 = 6;
    sz2 = 18;
    rounding = TO_NEAREST_INTEGER_IF_TIE_TO_MINUS_INF;
    overflow= SATURATION;
    word_width = 24;
    latency = 1;
    nrInst = 1100;
    cost = 8736
end
```

```
add add_fx_6_18;
    format = TWOS_COMPLEMENT;
    sz1 = 6;
    sz2 = 18;
    rounding = TO_NEAREST_INTEGER_IF_TIE_TO_MINUS_INF;
    overflow= SATURATION;
    word_width = 24;
    latency = 1;
    nrInst = 1100;
    cost = 624
end
```

```
sub sub_fx_6_18;
    format = TWOS_COMPLEMENT;
    sz1 = 6;
    sz2 = 18;
    rounding = TO_NEAREST_INTEGER_IF_TIE_TO_MINUS_INF;
    overflow= SATURATION;
    word_width = 24;
    latency = 1;
    nrInst = 1100;
    cost = 624
```

end

```
adc adc_fx_6_18;
    format = TWOS_COMPLEMENT;
    sz1 = 6;
    sz2 = 18;
    rounding = TO_NEAREST_INTEGER_IF_TIE_TO_MINUS_INF;
    overflow= SATURATION;
    word_width = 24;
    latency = 1;
    nrInst = 1100;
    cost = 624
```

end

```
sbc sbc_fx_6_18;
    format = TWOS_COMPLEMENT;
    sz1 = 6;
    sz2 = 18;
    rounding = TO_NEAREST_INTEGER_IF_TIE_TO_MINUS_INF;
    overflow= SATURATION;
    word_width = 24;
```

```
latency = 1;  
nrInst = 1100;  
cost = 624  
end
```