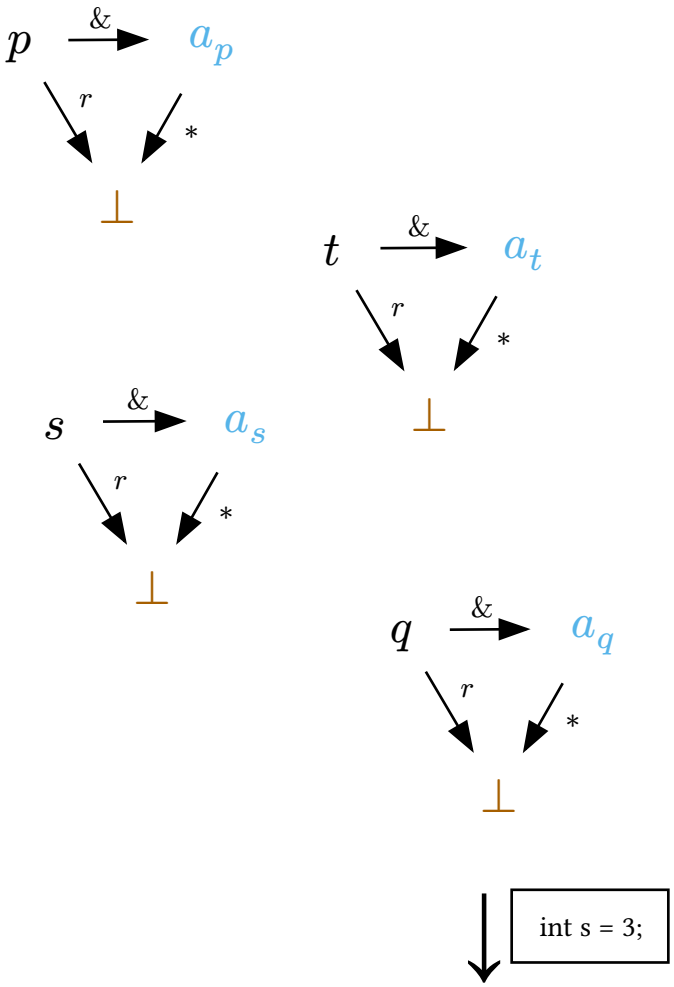
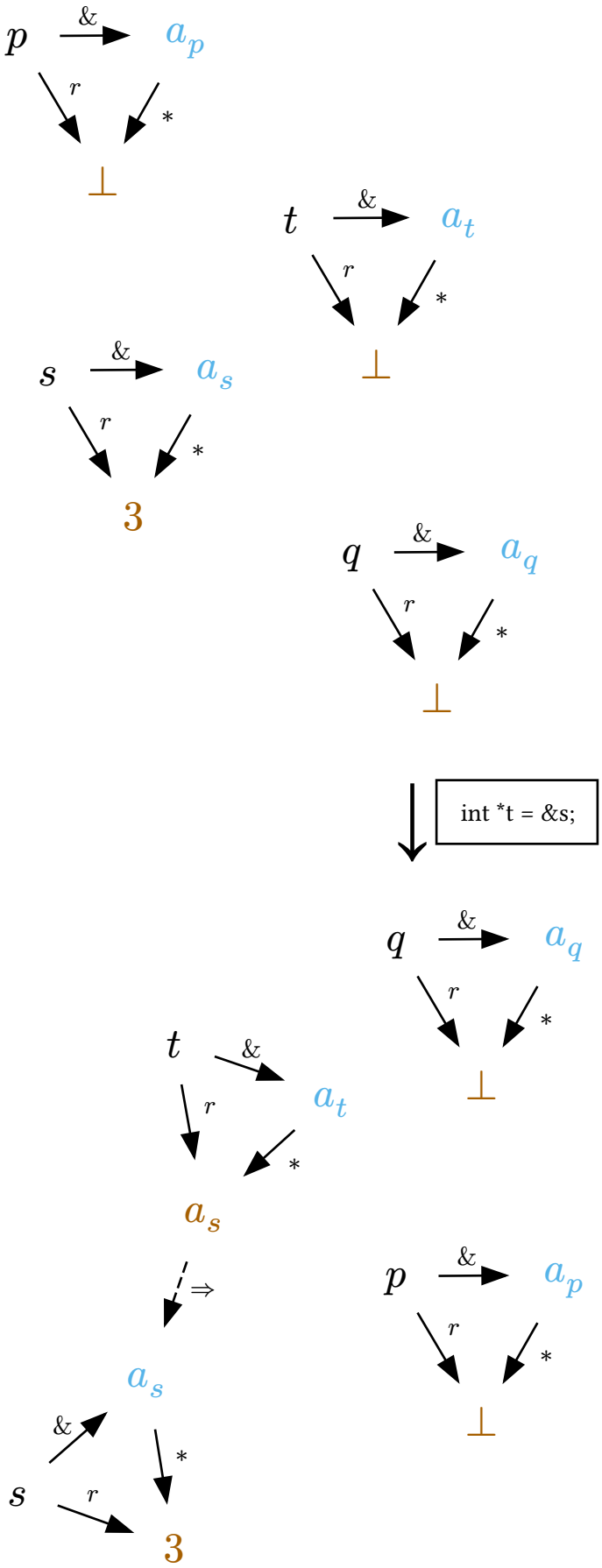
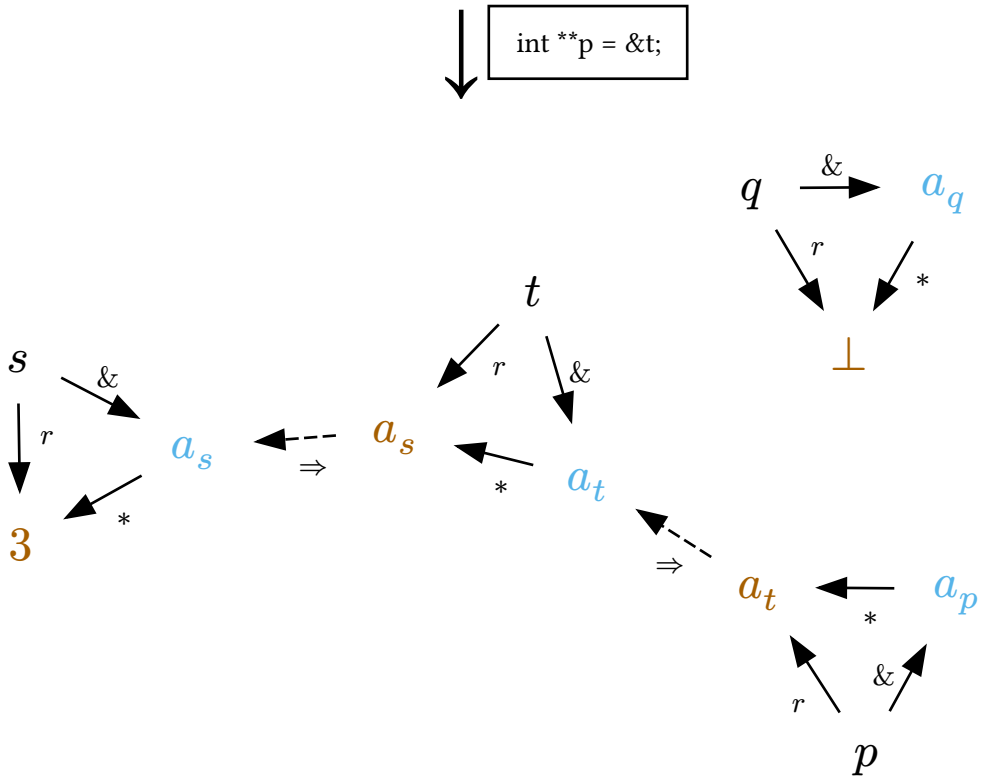
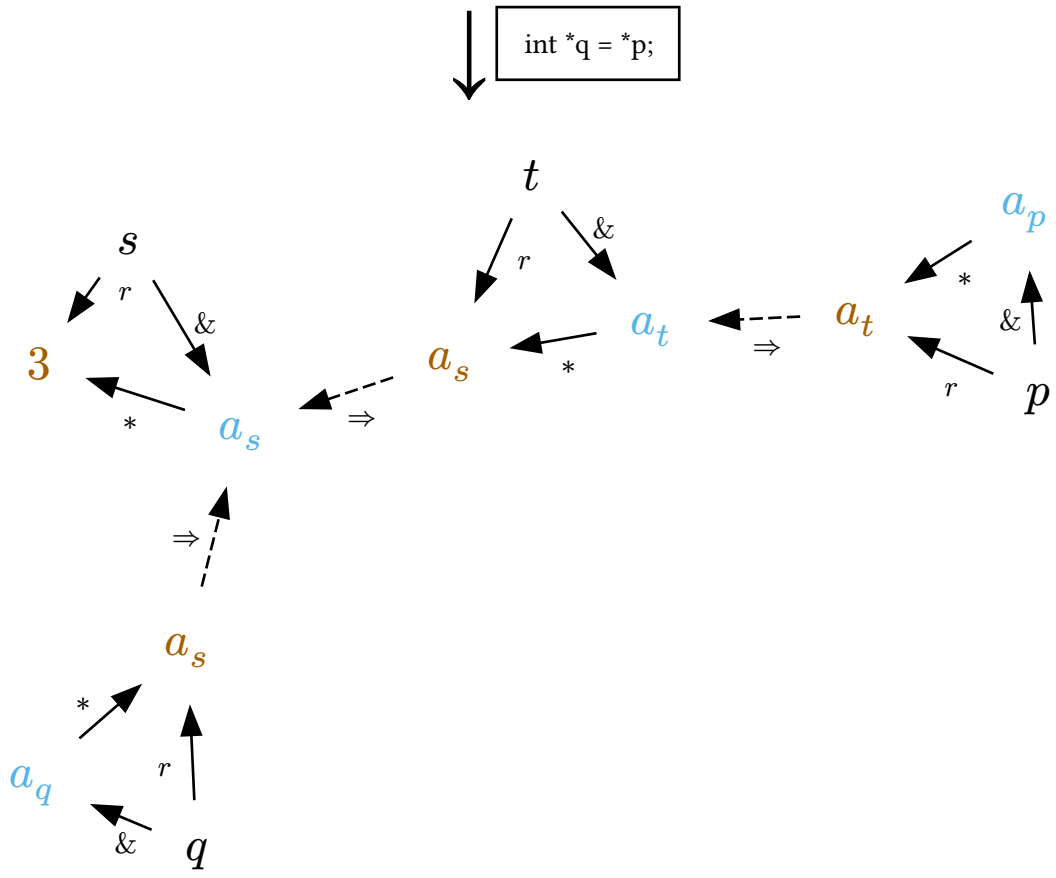
Example 5

```
int s = 3;
int *t = &s;
int **p = &t;
int *q = *p;
*q = 10;
```

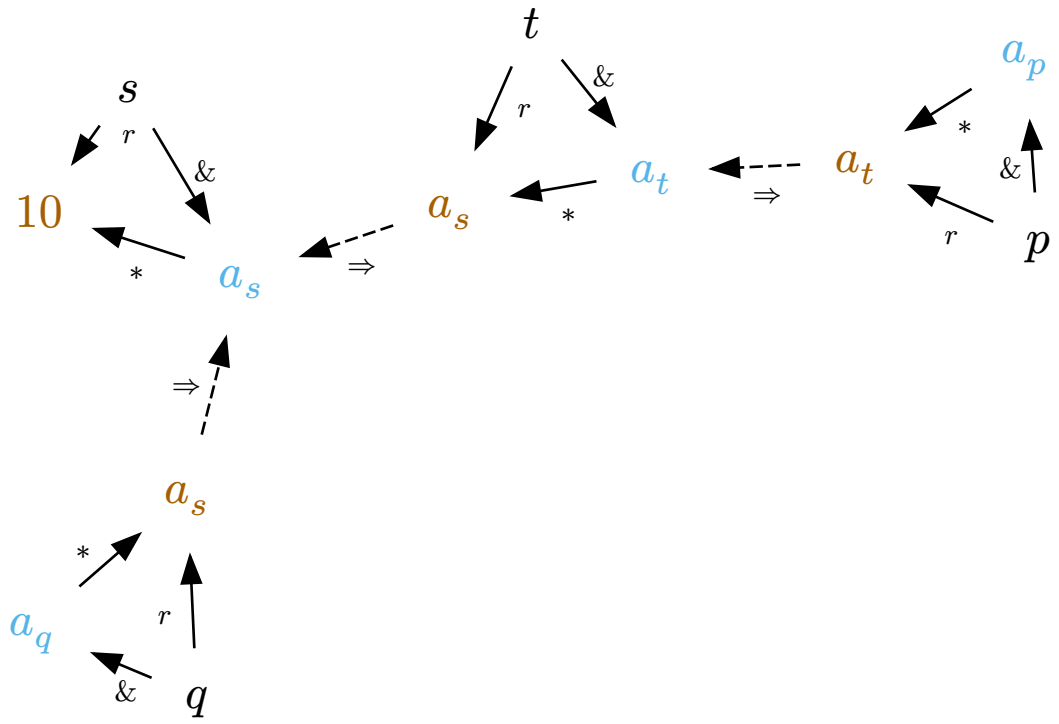



p
&
a_p
r
*
⊥
t
&
a_t
r
*
⊥
s
&
a_s
r
*
3
q
&
a_q
r
*
⊥
int *t = &s;
q
&
a_q
r
*
⊥
t
&
r
a_t
*
a_s
⇒
a_s
&
*
s
r
3
p
&
a_p
r
*
⊥


int **p = &t;
q
&
a_q
r
*
⊥
t
r
&
s
&
r
a_s
⇒
a_s
*
a_t
3
*
⇒
a_t
a_p
*
r
&
p


int *q = *p;
t
&
r
a_p
s
r
&
*
a_t
a_t
&
3
a_s
*
⇒
r
p
*
a_s
⇒
⇒
a_s
*
r
a_q
&
q

*q = 10;


t
&
r
s
r
&
10
*
a_s
⇒
a_s
*
a_t
⇒
a_t
a_p
*
&
r
p
⇒
a_s
*
r
a_q
&
q