A:

q1.3) pfd[1]
q1.4) buf
q1.5) pfd[0]
q1.6) pfd[0]
q1.7) pfd[1], inbuf, strlen(inbuf) + 1
q1.8) pfd[1]

B:

Output :

```
write pipe id = 4   read file id = 3
child received 1234567890. + 5 = 1234567895
child received 12. + 5 = 17
```

C:

2.1) dup2(fd, 1);

D:

```
current file descriptor id is 3
please read this line in aaa.txt
```